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1897.



James H. Gregory & Son's.



CATALOGUE OF

HOME
GROWN
SEEDS.

MARBLEHEAD
MASS.



THE OLD FARMER AND HIS WIFE.

CATALOGUES
FREE TO ALL.

BOOKS FOR FARMERS AND OTHERS.

A NEW BOOK FOR FARMERS AND GARDENERS.

FERTILIZERS: Where the Materials come from, where to get them in the Cheapest Form, how to Compound Formulas, etc.

BY JAMES J. H. GREGORY, MARBLEHEAD, MASS.

For more than twenty-five years we have made use of what are known among farmers as "fertilizers," as distinguished from the manure of the barnyard, using in recent years, mostly in the drill, from thirty to eighty tons annually. Of late we have compounded these ourselves, purchasing the materials and various chemicals where we could find the best articles cheapest. We have repeatedly been urged by the agricultural societies, before whom we have lectured on the subject of fertilizers, to publish our lectures. To oblige our many friends who have made this request,

and as a help to many of our customers, who are seeking help along this dark and difficult road, we now do so. In our little work there will be found many valuable tables, with many suggestions, and much information on the purchase of materials, the combining of them, and the use of fertilizers made from them. We believe it will give a good return to any of our customers for their outlay. The treatise makes a book of 116 pages; price, per mail, 40 cts.

Single copies of either of the four following treatises sent by mail for 30 cents, or the five for \$1.35. Seed dealers and booksellers supplied at the usual discount.

ONION RAISING: What Kinds to Raise, and the Way to Raise Them. By J. J. H. GREGORY, Marblehead, Mass.

This work, which we issued in 1865, has been warmly recommended by some of the best authorities in the country, and has gone through fifteen editions. It treats on Onions raised from seed Potato Onions, Onion Sets, Top Onions, Shallots, and Rarierpes, the Onion Maggot, Rust, the merits of the different varieties of Onions, instructions in seed raising, and how to tell good seed,—beginning with the selecting the ground, and carrying the reader along, step by step, through the preparing of the soil, manuring, ploughing, planting, hoeing, weeding, gathering the crop, storing and marketing it, with a hundred minute details, embracing every department of the subject. Illustrated with thirteen engravings of Onions, Sowing Machines, and Weeding Machines.

CABBAGES, AND HOW TO RAISE THEM. By J. J. H. GREGORY, Marblehead, Mass.

This treatise gives all the minute instructions so valuable to the beginner. It begins with the selecting the ground, and carries the reader along, step by step, through the preparing of the soil, manuring, ploughing, planting, hoeing, weeding, gathering the crop, storing and marketing it, with a hundred minute details embracing every department of the subject.

To prepare ourselves the more thoroughly to write on this work, we experimented on foreign and native varieties of cabbage for four years, raising not far from seventy kinds. The gist of our experience will be found in this treatise. It is illustrated by several fine engravings. We have added a paragraph on the green worm that is causing so much trouble in some localities.

SQUASHES, AND HOW TO GROW THEM. By J. J. H. GREGORY, Marblehead, Mass.

This treatise is of about the same size and style as our treatise on "Onion Raising," and contains several illustrations, including a section of our squash house, with full directions for erecting one. In plan and thoroughness it is similar to our Onion treatise; *very minute and thorough*. Beginning with the selection of soil, it treats of the best way of preparing it; the best manures and the way to apply them; planting the seed, protecting the vines from bugs and maggots, the cultivation, gathering, storing and marketing of the crops; giving hundreds of minute details so valuable to inexperienced cultivators. We have written this and our other treatises on the theory that what the public want is *minuteness and thoroughness of detail*.

CARROTS, MANGOLD WURTZELS, AND SUGAR BEETS: What Kinds to Raise, How to Grow Them, and How to Feed them. By J. J. H. GREGORY, Marblehead, Mass.

The increased attention given to the raising of roots for feeding to stock, particularly the Carrot and Mangold Wurtzel, has led us to write this treatise. We have endeavored to follow the manner presented in our other works, and give that minuteness of detail in every step of progress, from the seed to the matured crop, that is generally desired by the public. While this work is more particularly intended for persons of limited experience, yet it gathers up so much of experience and observation, covering so much ground in the growing and handling of these two standard crops, that we should be disappointed if about every grower did not find within it covers some facts of more value to him than the cost of the book.

In response to inquiries made for books treating on various subjects of interest to the farmer, we offer the following list of works, all by authors of high repute, any of which will be sent postpaid, to any address in the United States or Canada, on receipt of the price.

Asparagus Culture.....	\$0 50	Jones' Peanut Plant; its Cultivation and Uses.....	\$0.50
An Egg Farm: How to Manage Poultry Largely.....	.50	Keeping One Cow.....	1.00
Allen's (R. I. and L. F.) New American Farm Book.....	2.50	Land Draining. Miles.....	1.00
Bommer's Method of Making Manures.....	.25	Mushrooms: How to Grow Them.....	1.50
Broom Corn and Brooms.....	Cloth, .50	Oemler's Truck Farming for the South (New).....	1.50
Canning and Preserving, complete receipts therefor.....	.40	Our Farm of Four Acres.....	Paper, .30
Canary Birds.....	Paper, .50	Peach Culture. Fulton.....	1.50
Cider Maker's Handbook. (New).....	1.00	Pedder's Land Measurer.....	.60
Cranberry Culture. By Joseph J. White.....	1.25	Practical Floriculture. By P. Henderson.....	1.50
Dadd's (George H.) Modern Horse Doctor.....	1.50	Profits in Poultry and their Profitable Management.....	1.00
Dadd's American Cattle Doctor.....	1.50	Quince Culture. By W. W. Meech.....	1.00
Family Horse. (New.) By Geo. A. Martin. (Extremely Popular).....	1.00	Quinn's Money in the Garden.....	1.50
Flax Culture, giving full directions.....	.30	Quinn's Pear Culture for Profit.....	1.00
Fuller's Nut Cultivist. (New.) A first-class work.....	1.50	Quinby's New Bee Keeping.....	1.50
Fuller's Small Fruit Cultivist. (New Edition, enlarged).....	1.50	Rawson's Celery and its Cultivation.....	.25
Fuller's Strawberry Cultivist.....	.25	Silos, Ensilage, and Silage. A practical treatise. By Manly Miles.....	.50
Fuller's Grape Cultivist.....	1.00	Sweet Potato Culture.....	.60
Greenhouse Construction. By L. R. Taff.....	1.50	The New Onion Culture. (Greiner).....	.50
Harris on the Pig. By Joseph Harris.....	1.50	Propagation of Plants. Describing hybridizing and crossing.....	1.50
Harris's Talks on Manures.....	1.75	The Horse: How to buy and sell.....	1.00
Henderson's Gardening for Pleasure.....	2 60	Tobacco Culture.....	.25
Henderson's Gardening for Profit.....	2.00	Twenty-five cent Dinners for Families of Six.....	.25
Hunter and Trapper.....	.75	Webb's Cape Cod Cranberries. By a Cape Cod Man.....	.40

James J. H. Gregory & Son's Retail Catalogue.

1897

TO OUR PATRONS.

1897

Please Notice. — Our customers will please notice that our prices are by mail, postpaid by us, or by express (or freight) at purchaser's expense for charges, and that seeds sent by express or freight are 8 cents less per pound than when sent by mail. Some may not be aware of the fact (this does not apply to goods sent by express) that the freight on one hundred pounds of merchandise does not, as a rule, cost more than for ten pounds or less. When not ordered by mail, it is desirable that customers should indicate whether they wish their seed sent by express or freight; when no preference is given, we will use our best judgment in their behalf. We make no charge for boxes or packing. When comparing our rates with other dealers please remember, 1st, That we prepay postage on mail matter, and the postage is included in the price; 2d, That all orders for seed to the amount of five dollars and upwards are subject to a cash discount, as stated at bottom of page; 3d, That we grow a far larger proportion of the varieties of the seed we sell than is common with dealers; 4th, Our three warrants.

We have this season printed on the cover of our catalogue an engraving which represents happy old age. I believe it will please my customers, as it pleases me, and therefore I determined to send it broadcast through the land. What a fine looking old couple, the farmer and his wife, resting from the hard work of life, with faces expressing a tender love and trust in each other which means more for happiness than does the accumulation of gold and silver. It will be seen, under premiums, etc., that I offer copies printed on cardboard, as a premium. The past season, as a seed season, was fully up to the average; in no crop was there a marked deficiency. The market for vegetables, though not as good as those of former years, still was better than that of the season previous, and there is a general feeling abroad that we are to have better times in the near future. We are in sympathy with this view and have faith to believe that soon the raising of food crops, will rest on a paying basis.

Cheap Onion Seed. — On page 22 will be found matter of special interest to those who raise onions.

We Thank Our Friends for very acceptable presents we are constantly receiving from them of vegetable seed that are new or choice in their localities. We plant them on our experimental grounds to compare them with standard varieties, and will be happy briefly, to report results, when desired to do so.

Every season we have the various items in our catalogue carefully gone over with the view of making our prices as reasonable as possible, and we think our customers will find, bearing in mind cash discounts we offer, that our rates average as low as those of standard seedsmen of good repute, while we present the advantage of raising a much larger proportion of the seed we offer for sale than dealers in general; but few raise any of the seed they sell, seed raising and seed selling at retail being usually separate employments.

Free Seed. — With average orders for years we have practiced dropping in an extra package of some nice variety, very likely a novelty, which we would be pleased to have our customers test and report on.

Testing Seed. — Before sending out, nearly two thousand tests of the vitality of both vegetable and flower seed are made every season, and hundreds of dollars' worth thrown away, all of which is more or less good, but not up to the standard for honest seed.

Cabbage Seed for the South. — Our customers in the South will find us always ready to fill their summer orders as early as July. Their special need for fresh seed we shall always bear in mind. Our cabbage seed, raised wholly from the centre shoots, and grown from choice, solid, carefully selected heads, are meeting with great acceptance there.

Advantages of Buying Seed Directly from the Grower. — The "testing" of seed, in green houses or by various indoor means of which much is written nowadays, merely settles the question as to whether or not it will vegetate; but if the seed dealer grows his own seed, he is able to affirm what he himself knows, not only of its vegetating power, but also of its freshness and purity. Our seed-growing facilities now include four farms at Howe's Station, Eastern Division, Boston and Maine Railroad, besides several scattered tracts of land, located in three towns, carried on directly under our own supervision. All roots, bulbs, etc., intended for seed purposes, are selected with the utmost care.

Some choice varieties we import from England, France and Germany, some of which cannot be raised in this latitude: others we have grown for us by careful men, whom we supply with stock seed of our own raising.

For nearly half a century we have made it our labor and our anxiety to send out none but just such seed as we would be willing to plant ourselves, and the thousands of cheering letters that we open are very pleasant testimony to the success of our undertaking.

The Three Warrants. — All seeds sent out from our establishment are always sold under three warrants: viz., 1st, That our seed shall be what it purports to be: so far as that we hold ourselves ready to refill the order anew, or to send other seed to the same amount, gratis, should it prove defective in any respect. What is there to gain by selling poor seed after having made this warrant? 2d, That all money sent for seeds over one dollar shall reach us if sent by Post-office Order on Marblehead, Express Money Order, Registered Letter, Draft, or Cashier's Check. Sums of one dollar and under may be sent at our risk. 3d, That the seed ordered

shall reach every one of our customers. Thus we warrant everything but the crop, and make the purchase of seed the safest investment possible, instead of being what it has so often proved to be,—very unreliable and vexing.

Payment for Seed. — Cash (as above) must accompany all orders. When it is necessary to enclose postage stamps be sure not to moisten them in the least; the higher denominations but not above fifteen cents in value, preferred. Money orders, when of the value of one dollar and upwards, may be purchased at our expense, the cost being deducted from the amount remitted. Occasionally a customer remits more or less than sufficient to pay for the seed ordered. In the former case, the balance will be returned to his address; in the latter, the order will be filled out as far as the money goes. When necessary to send specie, wrap it securely in a bit of paper, to prevent it from getting loose and cutting through the envelope. Let us advise our friends, before ordering their seeds sent by express, to figure carefully and see if it would not be much cheaper for them (as is almost invariably the case with small parcels) to have them sent by mail. We would advise our customers not to order their seed C. O. D., particularly when the orders are small, as we have to add the cost of collection and return charges to the cost of the seed to make ourselves whole.

We have arranged with the American Express Company to receive orders for anything in our catalogue at any place where that company has an agency. They will advance us the cost of all goods up to \$5, and collect it of you. For bills over \$5 an Express Money Order can be sent with order for goods. The American Express Company carry seed at a less rate than for any other merchandise.

BE CAREFUL TO WRITE YOUR ADDRESS IN FULL, GIVING YOUR NAME, POST-OFFICE, COUNTY, AND STATE.

The Postage on Seed. — We prepay postage on seed ordered by mail at list rates. If a larger lot than four pounds is wanted, it may be divided into four-pound lots. This law, in effect, brings our seed establishment to every man's door.

Now and then, though rarely, there happens an instance of a mail package being lost in transit. When writing of any delay in time of package reaching you, always repeat your first order.

Book Premiums and Discounts to Market Gardeners and Others.

We were the first seedsmen to give a cash discount on orders. When comparing our prices with other dealers, don't forget to deduct the discount.

We challenge competition (with first-class seedmen) in pricing large orders.

Any one sending \$1 may order \$1.25 of packages (not ounces) of vegetable seed. This applies to orders for packages, only, and not to weights and measures.

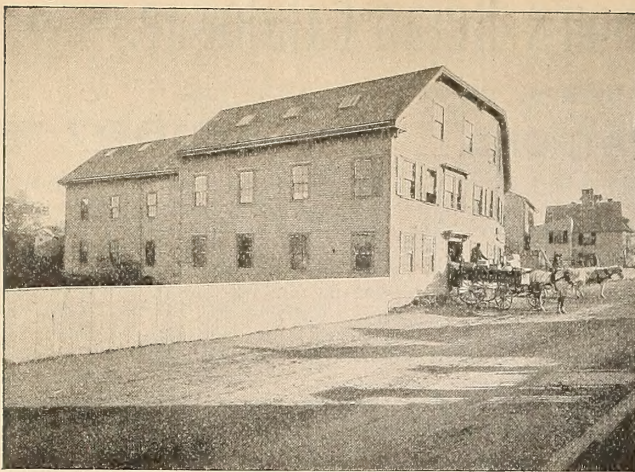
BOOK PREMIUMS AND DISCOUNTS.

We allow book premiums and discounts as follows on all orders, whether the order be for packages, ounces, pounds, or quarts, either separately or combined, with the exception of vegetable plants, vegetable and flower seed collections, small fruits and implements. On orders for \$2 and less than \$3 we will send, postage paid, the engraving on our first cover page (The Old Farmer and his Wife), printed on thick paper; for \$3 and less than \$5, a selection of one from the five agricultural treatises written by us and advertised on the opposite page. On orders from \$5 to \$10 an option of 5 per cent or a selection of two treatises above; on orders from \$10 to \$25 an option of 10 per cent, or the five treatises as above; on orders from \$25 to \$40, 12½ per cent; and 15 per cent on orders of \$40 or upwards.

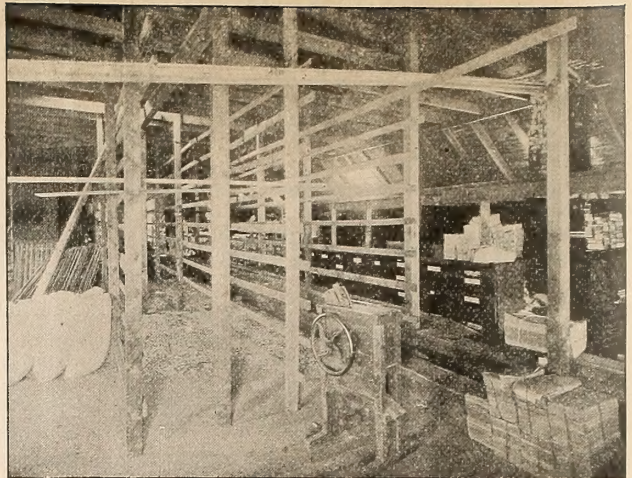
For special net rates on onion seed in quantity, see p. 23; for discounts on Flower seeds, see p. 63. TERMS TO DEALERS, CLUBS, AND LARGE MARKET GARDENERS ON APPLICATION.

JAMES J. H. GREGORY & SON.

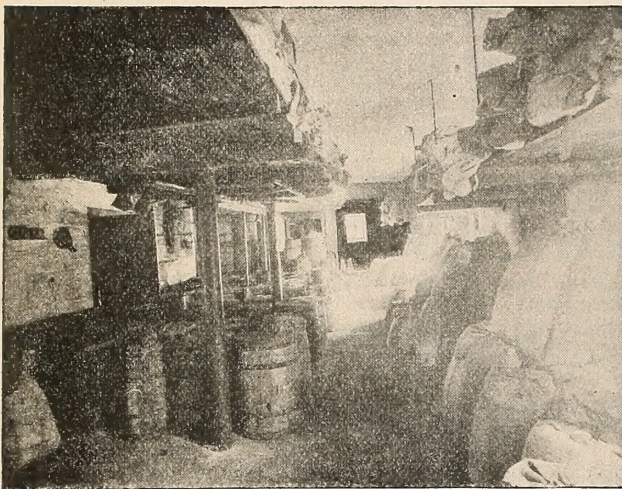
Marblehead, Mass.



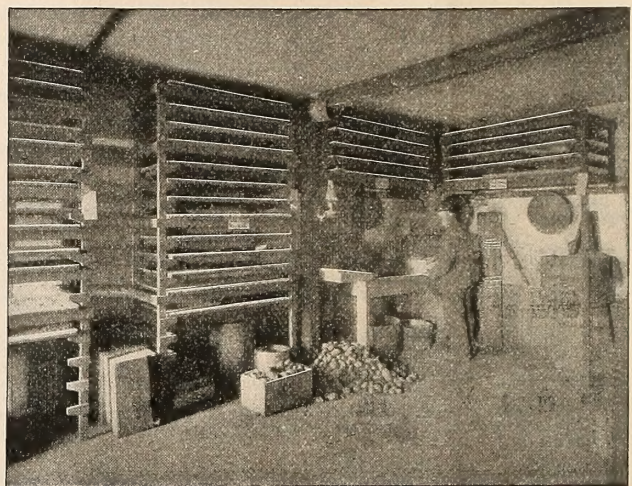
SEED HOUSE—OUTSIDE VIEW.



SEED STORING AND DRYING ROOM.



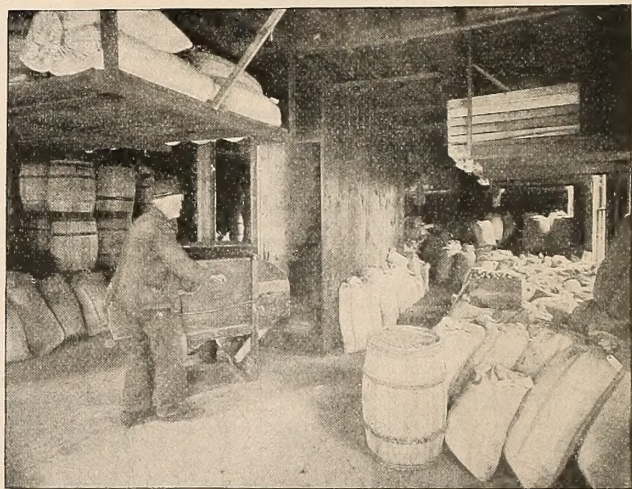
SECTION OF STORAGE ROOM.



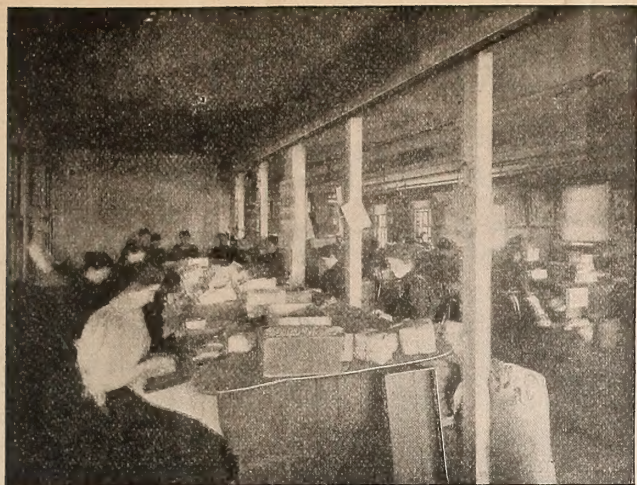
SEED WASHING AND DRYING ROOM.



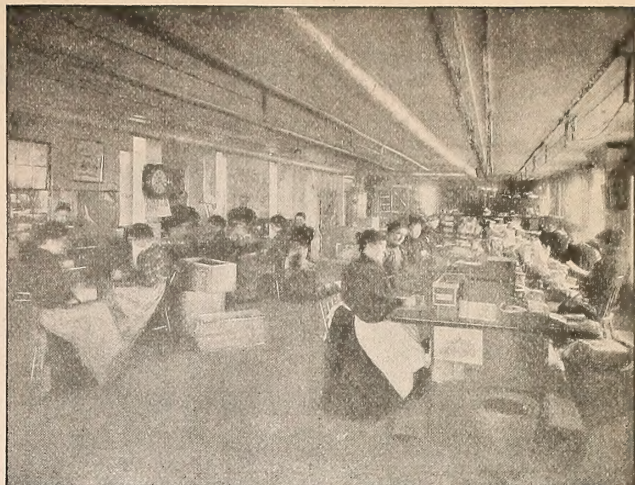
SEEDS IN BULK.



STORAGE ROOM.



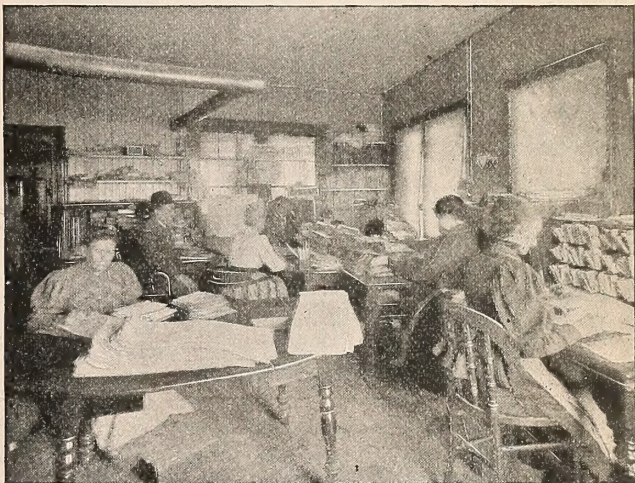
FILLING MAIL ORDERS.



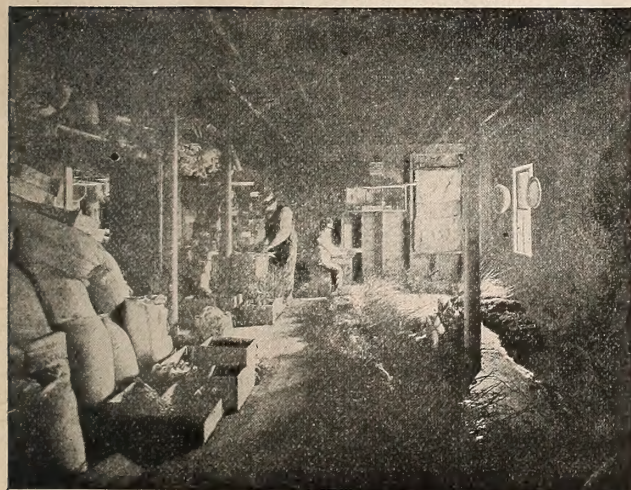
FILLING MAIL ORDERS.



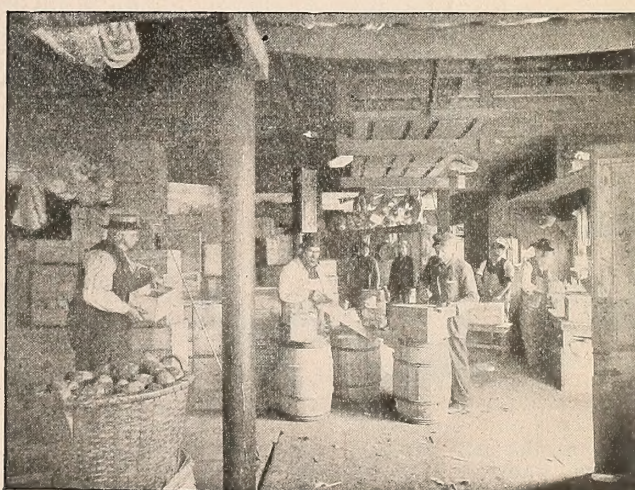
DIRECTING MAIL MATTER.



CORRESPONDENCE ROOM.



PACKING SHRUBBERY.



FILLING EXPRESS ORDERS.

- Novelties in Vegetable Seeds for 1897. -

GREGORY'S SURPRISE PEA.



This new, extra early wrinkled pea, the right to name and introduce which we have secured from its originator, was the creation of Mr. Hosford, the originator of the well-known Market Garden Pea. It was produced by a scientific crossing of Laxton's Earliest of All with the American Wonder.

Mr. Hosford carefully selected seed from those plants which bore the best filled pods and the most wrinkled peas each year for eight years, and obtained, as a final result, a pea

As Early as the Earliest

of the Hard Peas,

and as heavy a cropper, while it has that peculiar sweetness which belongs to the wrinkled varieties.

We have named it the "Surprise," as significant of our surprise at the enormous number of pods it bore in our experimental grounds, and because of the surprise we felt when a professor of one of our agricultural colleges called our attention to the fact that this pea, so very early and so great a cropper, was one of the wrinkled class. The Surprise grows about 20 inches high on rich garden soil. It ripens very evenly. Like most of the very early sorts it succeeds best when sown rather thickly, with the seed not more than 2½ inches apart. Mr. Hosford has, for three seasons in succession, grown two crops a year on the same ground, the second crop in each case being produced from the seed of the first. He writes that he found it much more prolific than the Station with better filled pods; that it yielded better than American Wonder, Nott's Excelsior or William Hurst. Samples of the Surprise (under the name of Electric), and Hancock, which is one of the earliest and most productive of the hard pea class, were sent to several

of the experimental stations of our agricultural colleges to be tested side by side.

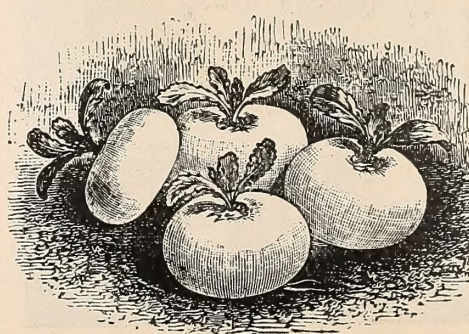
We make extracts from their reports: From New Hampshire Agricultural College: "Each sort planted May 18. July 8 picked 2 lbs. 3½ oz. of Surprise; 1 lb. 2 oz. of Hancock. Connecticut Agricultural Station reports: "Surprise were planted May 9; first picking made June 26. Hancock planted May 11; were ready to pick June 29." Vermont Agricultural Station: "The Surprise was practically ready for market picking as soon as the Hancock and bore fully as large a crop." Maine Agricultural College reports that "both varieties were planted May 13, and the Surprise reached edible maturity July 9; the Hancock July 10." The sum of this testimony, which agrees with our own experiments for two seasons, is that in the Surprise we have a new wrinkled pea *fully as early as the earliest of the hard peas!* If it has the hardiness of its parent, Earliest of All, the knell of the early class of hard peas has struck, for the public well know that they are inferior in quality, and cease buying them as soon as they can find a wrinkled pea in the market. Our customers will all want to make trial of this new pea, the introduction of which will help make a new era in the early pea market. Price per pkg, 20 cents.

EARLIEST WHITE—A New Forcing Radish.

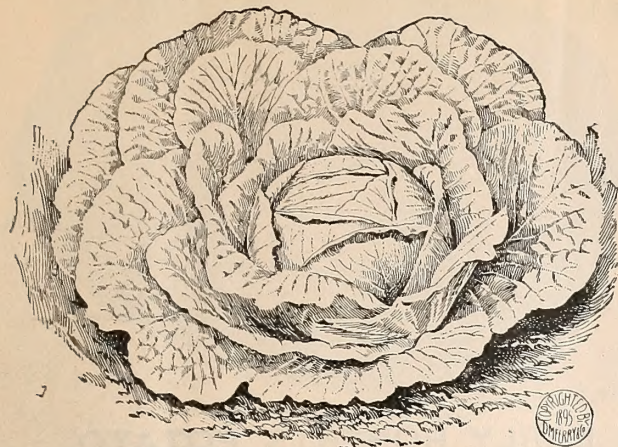


ready for the table within three weeks from planting. Olive shaped, white in color, with the mildness of flavor which characterizes this class, crisp and tender. Per ounce, 25 cts.; per package, 10 cts.

WHITE MILAN TURNIP.



This is said to be quite as early as the purple top Milan; color a pure white. In our experimental grounds it matured *earlier* than the red Milan, which makes it the *earliest of all turnips.* Top and tap root small. Certainly the king of the extra early turnips. Per pound, postpaid, \$1; per package, 10c.

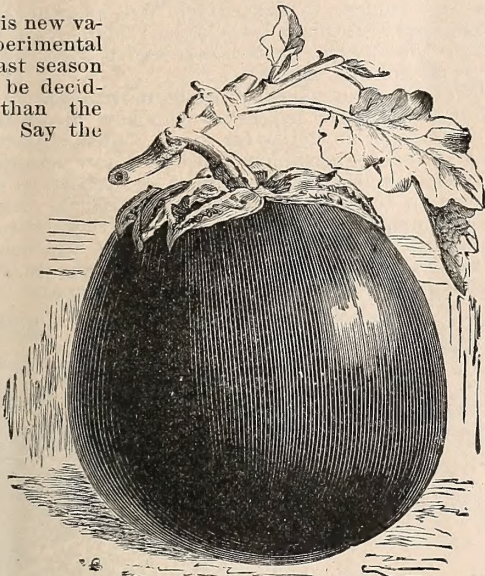
THE HOLLANDER CABBAGE.

Of late years there have been imported into the markets of our large cities, in the spring mostly, a medium-sized but very solid and heavy cabbage, selling at from fifty cents to a dollar a barrel more than our native sorts. These come to us under the name of "Holland" or "Hollander" or Danish Ball Cabbage. We have raised them, off and on, for several years and find that in this country as fine heads can be raised as are imported. The heads are thick, round, of medium size and about as hard as a rock. The stump averages longer than with our native sorts. For best results, for late marketing, plant about 10 days earlier than the common drumhead on land liberally manured. Per lb., postpaid, \$2.50; per 4 lb., 73 cts.; per ounce, 30 cts.; per package, 5 cts.

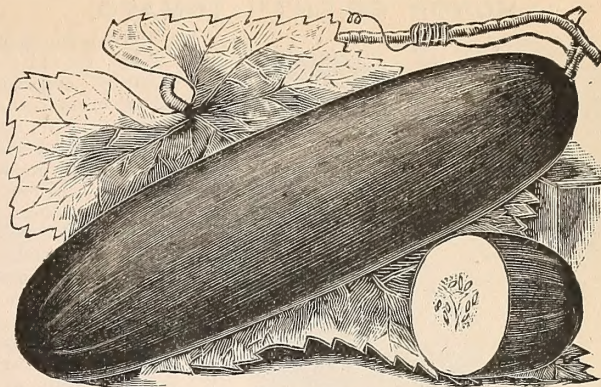
FERRY'S IMPROVED LARGE PURPLE EGG PLANT.

We tested this new variety in our experimental grounds the past season and find it to be decidedly earlier than the standard sort. Say the introducers:

"This variety has about superseded all others both for market and private use. The large size and high quality of its fruit and its extreme productiveness make it the most profitable to grow. Plants large, spreading; foliage light green; fruit very large, oval; color dark purple. Plants ripen usually two to six large fruits. It is *spineless*, which is a great advantage in handling." Per package, 10 cts.

**CUBAN GIANT ENSILAGE CORN.**

Those who are looking for a variety of mammoth corn, bearing larger ears and having taller stalks than the Leaming and do not object to the variety being a little later, will find it in the Cuban Giant. Per bushel, \$2.00; per peck, per express, 60 cts.; per quart, postpaid, 35 cts.; per package, 10 cts.

**THE EMERALD CUCUMBER.**

This certainly, as we saw it, is one of the handsomest of all cucumbers. It is an improvement on that excellent variety the White Spine, in size, quality and appearance, for it is an evergreen in color even when ripe, while its smooth, spineless skin attracts the attention and admiration of all. It rarely shows a wart or a spine and is not excelled in beauty by the best of the English frame varieties. It will prove to be a great acquisition as a forcing cucumber because it retains its deep green color so much longer than the common varieties raised under glass. Per package, 15 cts.

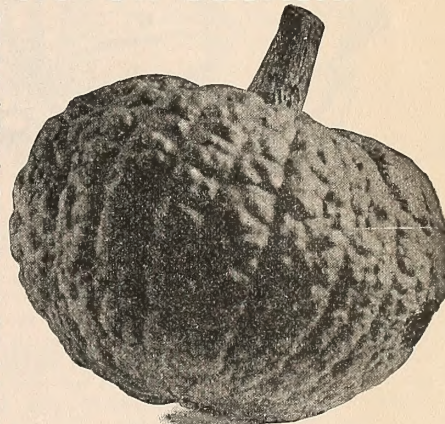
THORBURN'S VALENTINE WAX BEAN.

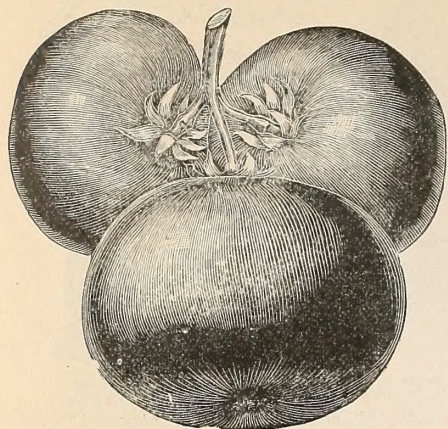
We are much pleased with the results of our trial of this new wax bean on our experimental grounds, and we select it as worth cataloguing from a score of new varieties tested there the past season. We find it to be remarkably early, a true wax bean, being stringless, and a heavy cropper. "It grows about 15 inches high on strong stalks with healthy foliage, exceptionally free from rust. Planted June 18 half the crop could be picked Aug. 1st." A capital variety either for the market or home garden. Per peck, per express, \$1.50; per quart, postpaid, 45 cts.; per package, 10 cts.

THE VICTOR SQUASH.

For several years past we have had our attention drawn to a new squash on exhibition at agricultural fairs. It is of a rich orange-yellow color generally, with a thick shell and thickly covered with warts. In size and shape it resembles the Essex Hybrid. The flesh is thick meaty and the quality is excellent during its season, which is from September till December.

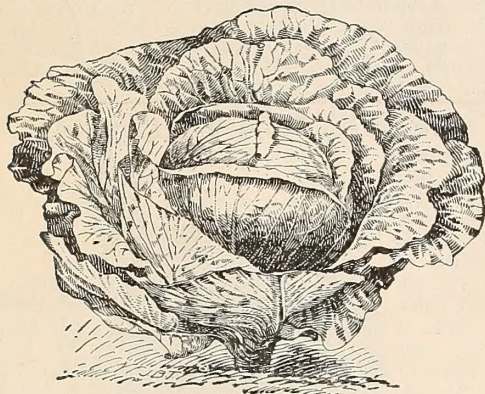
As far as it has been tested, its quality is spoken very highly of. Its hard, flinty shell makes it a capital shipping squash. The only reason why I have heretofore hesitated to catalogue it is that a fraction of the crop will sport, showing its parentage, a cross between the Turban and Hubbard, but as eight years of careful isolation has failed to entirely obliterate this trait, I must believe that this is an inherent characteristic of the squash. On the whole it is entirely too good and distinct a variety to be kept back from the public longer, and I therefore catalogue it this season for the first time. It is an excellent cropper and the squashes are of the size of the Essex Hybrid. The squashes are very heavy, handling like solid blocks of oak. Per lb., postpaid, \$2.00; per 4 lb., 58 cents; per ounce, 25 cents; per package, 15 cts.



"HONOR BRIGHT" TOMATO.

This is another of Mr. Livingston's original discoveries in the tomato family, and is certainly one of the most original, interesting and valuable of them all. One of its most striking characteristics is the singular change of color the fruit undergoes during its development. It is first of a light green color, then turns to a striking

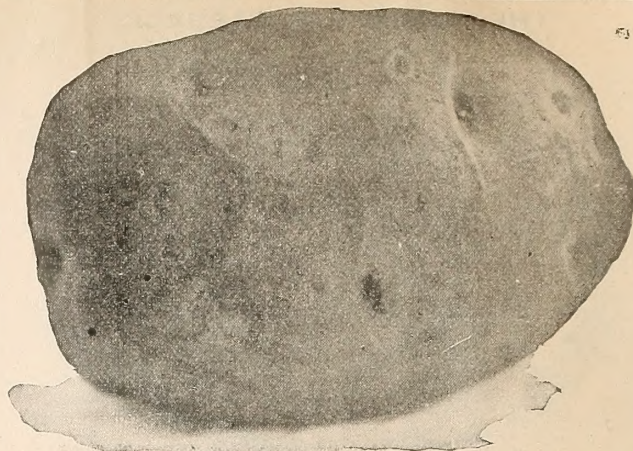
waxy white, next lemon and finally to a rich bright red! Another characteristic is its long keeping quality, which makes it especially valuable for shipping long distances. Mr. Livingston states: "If picked in the early stage of ripening it can be shipped in barrels like apples, and will keep from one to four weeks if stored in a cool place." Another characteristic is its peculiar greenish-yellow foliage. Mr. L. states that it is almost proof against cracking of the skin after heavy rains. The fruit is of good size, very solid, the vines vigorous and very productive, and the tomatoes of excellent quality. We received specimens of this new tomato from Mr. Livingston and noted that they underwent, while ripening, the singular changes of color and that they kept remarkably long. Per package, 15 cts.; 8 packages for \$1.00.

MAMMOTH ROCK RED CABBAGE.

After testing samples for several years in our experimental grounds we have at last found a variety of red drumhead which, while in every other respect equal to our standard sort, makes larger heads. The plant is large, with numerous spreading leaves. "The head is large, round, very solid and of deep red color. Ninety-eight per cent of the plants will form extra fine heads." Per lb., postpaid, \$2.25; per ¼ lb., 68 cts.; per ounce, 25 cts.; per package, 5 cts.

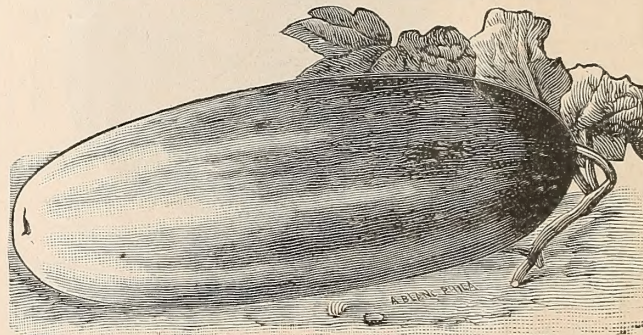
EARLY SPRING CABBAGE.

By a test of this new cabbage of Mr. Henderson in our trial grounds we find it to be what is claimed for it, a variety earlier than the Early Summer but not quite as early as our stock of Early Wakefield. It is about one-fifth smaller than Early Summer, makes a nice, fine, hard, flattish, thick head, having a shade of green peculiar to itself. It is short stumped. It is a well-bred strain, each cabbage being a duplicate of its fellow. The compactness of its growth admits of very heavy cropping, on very highly manured land, as many as 13,000 have been raised on an acre by planting 21 inches each way. The Early Spring is certainly an acquisition and may eventually crowd to the wall some of our present standard early sorts. Per ounce, \$1.00; per package, 15 cents.

**EARLY ROBERTS POTATO.**

In this new potato we introduce our farmer friends to a rare, good thing. Many of you have raised the New Queen, and we know that all of you who have, have found it to be among the very best; now the Roberts is a sport from this famous sort, and while fully equal to it in yield and quality, is at least *a week earlier* when planted side by side at the same time. In color it differs from the New Queen in being white. The average crop of Mr. Roberts, who is one of the most successful market gardeners in Essex county, for several years has been 100 barrels to the acre. He informs us that his neighbors, who are prominent market gardeners, have had the same successful experience with it. They have all observed that while it is every way as good as the New Queen, in all its many desirable qualities, it has the *great advantage of being a week earlier*. Mr. J. E. Chase of Essex county, Mass., says that his Roberts ripened so much earlier than the Beauty of Hebron that he had them all marketed before the Beauty of Hebron was ripe enough to dig. David Warren, who has had a large experience with many sorts, says, "The sum of my experience is that the Roberts is the best and earliest of the first early sorts now on the market."

These recommendations might be indefinitely extended, for all of Mr. Roberts' neighbors who have grown them are ready to endorse all he claims for them. This valuable variety is too good a one to be monopolized by a few enterprising market gardeners, and with the assent of Mr. Roberts we send it out this season to the public. As Mr. R. was the first to find this sport among the New Queen and was the first to make known its merits, he deserves to have his name attached to it. Price, per bbl. of 165 lbs., per express or freight, \$6.00; per bushel, \$3.00; per peck, \$1.00; 3 lbs., postpaid, 90 cts.; 1 lb., 30 cts.

EXTRA SELECTED WHITE SPINE CUCUMBER.

We offer to our customers this season a new strain of the White Spine of our own raising, which they will find superior in its fine size and symmetrical shape, to many strains, while in purity it is remarkable, being *perfectly pure*—not a single one off color appearing in a crop covering nearly an acre of ground. Per lb., postpaid, \$1.50; per ¼ lb., 48 cts.; per ounce, 20 cts.; per package, 10 cts.

In Our General List of Flower Seeds, pages 52 to 62, will be Found the Desirable Novelties of Recent Introduction.

NOVELTIES IN FLOWER SEEDS FOR 1897.

SWEET PEA. "AURORA."

This new variety attracts attention on account of the enormous size and wonderful brilliancy of the flowers. The immense flowers are borne 3 or 4 on a stem and the color effect is gorgeous; standard and wings are white flaked and striped with bright orange-salmon; vines are vigorous and bloom profusely. Per packet of 30 seeds, 15 cents; 2 for 25 cents; 10 for \$1.00.

SWEET PEA. "RED RIDINGHOOD."

OF FANTASTIC FORM,
FASCINATING COLOR,
FRAGRANT AS THE ROSE.

In this we have an absolutely new departure in form. (*See cut.*) The standard and wings are rosy pink, shading to blush white, the keel being nearly pure white. The fragrance is said to surpass in a marked degree that of all other varieties of Sweet Peas. Unusually robust in habit, early flowering and in plentitude and continuity of bloom, excelling all other sorts. Per package of 25 seeds, 15 cents.

SINGLE FLOWERING ASTERS, MIXED. (A.)

The plants are of globular form and carry on stout, long stalks, a mass of single star-shaped flowers, which come early and last a long time. Planted out in beds or borders, they have a brilliant effect, and offer a welcome and pleasing change to the innumerable varieties of Double Asters. 10 cents.

ANTERRHINUM MAJUS GRANDIFLORUM, MIXED.

These new Snapdragons, with their very large flowers, have put the old varieties quite into the shade. We offer a splendid mixture, containing a great variety of rare and remarkable shades not hitherto seen in the old collections. 15 cents.

COSMOS, MAMMOTH. NEW FANCY VARIETIES.

All lovers of this beautiful flower will be delighted with these exquisite varieties. In this splendid mixture are monster pink and white flowers, beautiful crimson shades, delicate white and mauve, white daintily tinted and clouded with pink and mauve. Some of the large white blossoms have broad plaited petals and pinked edges. The immense pink and white flowers, with overlapping petals, resemble Camellias, although larger and more beautiful. The crimson varieties are extremely lovely, the glowing colors being in striking contrast to the filmy green foliage. 15 cents.



PETUNIA, HYBRID SNOWBALL.



CANDYTUFT, QUEEN OF ITALY. (A.)

A very dwarf variety with spreading branches, bearing rose-colored clusters of large flowers. Immensely free-flowering, splendid for groups and bedding. 15 cents.

MARGARET CARNATION, YELLOW.

This color is a welcome addition to the variety of early-flowering Carnations. 25 cents.

PETUNIA, HYBRID SNOWBALL. (A.) (*See Cut.*)

A new and very dwarf variety, with beautiful, large, satiny-white flowers, covering the plant with bloom. Admirably adapted for bedding and pot culture. 15 cents.

GRAND NEW POPPY, "IRRESISTIBLE."

This grand Poppy grows five feet or more in height. Flowers immense in size, of a beautiful red and perfectly round, with fringed petals; very showy. 15 cents.

TALL NASTURTIUM, "VESUVIUS." (A.)

The color is a dazzling fiery-rose, and of such striking effect that even at a long distance one would pronounce it the most effective and brilliant of all the Tall Nasturtiums. 15 cents.

MEXICAN FOXGLOVE.

This charming plant is new in this country, and it is said by one who has grown it that it is never without its numerous branches of pretty purplish-blue flowers from January to December. Its very neat foliage contrasts elegantly with the flowers. A first-class window gem, which can be grown by everyone. Per package, 15 cents.

GLOXINIA GRANDIFLORA, "PRINCESS MAUD."

The introducer writes of this as follows: "Its throat is a light, shining, crimson-red, shading at the top to a rich, dark carmine, followed by a beautiful edging of pure violet, while a broad band of white spotted with violet surrounds the whole of this fine bloom. 35 cents.

PINK LACINIATUS, DWARF MIXED

A new, rather dwarf strain of the Single Annual Pinks, with fringed petals. The flowers, varying in all shades from white to deep rose, and even to purplish-red, are all more or less tinged with bright salmon, and are distinguished by a dark ring round the centre. 15 cents.

CENTAUREA MARGARITA.

Large, pure white flowers, with a most delicious fragrance. It is highly recommended as one of the best pure white flowers for cutting and indoor decorating. Can be treated either as biennial or annual. 20 cents.

FORGET-ME-NOT, DISTINCTION.

A new variety, blooming in two months after the seed is sown, while the older, well-known sorts require a biennial cultivation. Very dwarf, compact and free-flowering. If planted in pots or greenhouse in July, will bloom almost uninter-ruptedly; if kept in open ground through winter, will bloom early in the spring. For large flower beds, for edgings, as well as for cultivation in pots, for forcing and cutting, this new variety is highly recommended. Per package, 15 cents.

PHYSALIS FRANCHETI, or NEW GIANT WINTER CHERRY.

A new, distinct variety, attaining a height of 18 to 24 inches. Out of the pretty foliage appears the splendid, brilliant orange-scarlet capsules. These capsules are globular, 2½ inches across, and contain fruit like a cherry in shape and color. This valuable novelty will become extremely popular as a fruit for preserving, as an ornamental plant for the garden, and for indoor winter decoration. If grown in pots, it makes an exceedingly pretty house plant. Per package, 10 cents.

JAPANESE IMPERIAL MORNING GLORIES.

(IPOMEA TRILOBA.)

Thought by many to be the most valuable new flower introduced the past twenty-five years. The flowers are from three to six inches in diameter, and are infinite in their rich and delicate coloring tints and markings, excelling even the Pansy in these respects. They are of the most brilliant maroon, crimson, blue, white, yellow and brown. Some are elegantly spotted with pink, crimson, blue and bronze; others are striped and blotched or mottled; sometimes seven or eight tints or colors are found in one flower. Many are frilled or ruffled, and of very odd and singular forms, both single and double. Even the foliage varies in striking colors, being almost as beautiful as the flowers. Some leaves are green, some rich yellow, or marbled with golden-brown and splashed with white, silver and green. The vines are of very vigorous and rapid growth, and they begin to flower in a few weeks after planting. Mixed, single and double, per package, 15 cents.



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BY H. BLANC

JAPANESE IMPERIAL MORNING GLORY.

FOR CHOICE FLOWER SEEDS IN COLLECTIONS AT REDUCED RATES SEE PAGE 63.

COLD FRAME AND HOT-BED.

Early tomato plants in a small way may be raised in flower pots or boxes in a warm kitchen window; so also may egg plants and peppers. When raising them in the house, the pot or box containing the seed should be placed quite near the stove for a few days, and the soil be kept well moistened until the plants begin to break ground, when they may be removed to a warm window. It is best, if practicable, to have but one plant in each pot, that they may grow short and stocky. If the seed are not planted earlier than the 1st of April for out-of-door cultivation, a cold frame will answer. Select the locality for the cold frame in the fall, choosing a warm location on a southern slope, protected by a fence or building on the north and northwest. Set posts in the ground, nail two boards to these parallel to each other, one about a foot in height and the other towards the south about four inches narrower; this will give the sashes resting on them the right slope to shed the rain and receive as much heat as possible from the sun. Have these boards at a distance apart equal to the length of the sash, which may be any common window sash for a small bed, or the length of a usual gardener's sash. If common window sash is used, cut channels in the cross bars to let the water run off. Dig the ground thoroughly (it is best to cover it in the fall with litter to keep the frost out), and rake out all stones or clods; then slide in the sash and let it remain closed three or four days, that the soil may be warmed by the sun's rays. The two end boards should rise as high as the sash to prevent the heat escaping, and the bottom board of a small frame should have a strip nailed inside to rest the sash on. Next rake thoroughly in guano or phosphate or finely pulverized hen manure, and plant in rows three to six inches apart, depending on whether the plants are to be allowed to remain or are to be transplanted; if the latter, then three inches will be sufficient distance. Thin out the tomato plants when quite small, but allow peppers to remain rather thick at first by reason of danger from depredations of the cutworm. As the season advances, raise the sashes an inch or two in the middle of the day and water freely at evening with water that is nearly of the temperature of the earth in the frame. As the heat of the season increases whitewash the glass, and keep them more and more open until, at

about the close of May, just before the more tender varieties are set in open ground, allow the glass to remain entirely off both day and night, unless there should be a cold rain. This will harden them so that they will not be apt to be injured by the cabbage beetle, as well as chilled and put back by the change. If the tomato plants have been well hardened, the stalks will be of a red color. Should the plants be getting too large before the season for transplanting, they should be checked by drawing a sharp knife within a couple of inches of the stalk. If it is desirable to dwarf the tomatoes and thus force them into a compact growth, transplant into another cold frame, allowing each plant double the distance it before occupied.

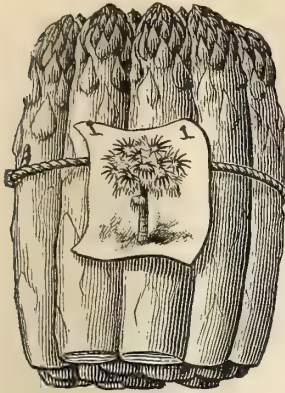
The structure and management of a hot-bed is much the same as that of a cold frame, with the exception that being started earlier the requisite temperature has to be kept up by artificial means, fermenting manure being relied upon for the purpose, and the loss of this heat has to be checked more carefully by straw matting, and in the far North by shutters also. The front and back are also made higher than in a cold frame.

Horse manure with plenty of litter and about quarter its bulk in leaves, if attainable, all having been well mixed together, is thrown into a pile, and left for a few days until steam escapes, when the mass is again thrown over and left for two or three days more, after which it is thrown in the pit (or it may be placed directly on the surface) from eighteen inches to two feet in depth, when it is beaten down with a fork and trodden well together. The sashes are now put on and kept there until heat is developed. The first intense heat must be allowed to pass off, which will be in about three days after the high temperature is reached. Now throw on six inches of fine soil, in which mix a very liberal supply of well-rotted manure free from all straw, or rake in thoroughly superphosphate or guano, at the rate of 2,000 pounds to the acre and plant the seed as in cold frame. Keep day temperature 70 to 80 degrees, and don't allow it to fall below 65 degrees at night. If the temperature exceeds 75 degrees, the plants are liable to grow spindling and weak. Do not move the sashes to give air immediately after removing the mats in the morning, lest the young plants damp off.

.... VEGETABLE NOVELTIES OF PREVIOUS YEARS

FOR FULL PRICES SEE PAGES 38-51 INCLUSIVE.

ASPARAGUS.



PALMETTO ASPARAGUS.

PALMETTO
ASPARAGUS.

"Until we found this new Palmetto asparagus," writes a prominent seedsman, "Conover's Colossal" had always been the leading sort, and justly so; but when we state that the Palmetto is not only much earlier, but it is also a better yielder, and it is more even and regular in its growth, it will be seen, we think, that it must eventually supplant the old favorite."

Price, per pound, postpaid, 80 cts.; per $\frac{1}{4}$ pound, 23 cents; per ounce, 10 cents; per package, 5 cents.

MOORE'S CROSS-BRED ASPARAGUS.

For twenty years Mr. Moore took first prize on asparagus at the shows of the Massachusetts Horticultural, which proves either that Mr. Moore used extra manure and extra cultivation, or that he had what he claimed, an extra variety of asparagus. Price, per pound, postpaid, 80 cents; per package, 5 cents.

COLUMBIAN MAMMOTH WHITE ASPARAGUS.

An entirely new variety of asparagus, which is sure to be in great demand in many localities, because it furnishes *white shoots* which stay white as long as fit for use without earthing up or any other artificial blanching, and can be depended on to give eighty to ninety per cent *white plants* from seed. The originator sells his to a canning factory that allows him over twenty per cent more for it than any other kind grown for them. Price, per pound, postpaid, \$1.25; per $\frac{1}{4}$ pound, 38 cents; per ounce, 15 cents; per package, 5 cents.

W. Champion, Mt. Pleasant, Ind., writes: "Your seeds are all right in every way."

BEANS.

R. A. Bost, Newton, N. C., writes: "Your seeds have always been up to your recommendations."

FULLER DWARF BLACK WAX BEAN.

(Novelty of 1896.)

The Fuller Black Wax differs from the ordinary Black Wax in the following points. The plant is a larger, more vigorous and more robust grower. The pod is a little larger, a little longer, a little darker yellow, a little thicker, solid and meaty, and at the same time absolutely stringless. Very prolific—vines medium in size. Price, per peck, per express or freight, \$1.50; per quart, postpaid, 45 cents; per package, 10 cents.

CYLINDER IVORY POD DWARF WAX.

The following strong points are claimed for this new bean. Perfect freedom from rust and blight; great earliness; that its pods take on the wax color soon after they are formed; that its pods are perfectly round; entirely stringless; that it is remarkably productive. We find this more free from rust than the other wax varieties, yet not absolutely rust proof. Price, per quart, postpaid, 45 cents; per package, 10 cents.

CHALLENGE DWARF BLACK WAX.

One of the *earliest* wax beans in cultivation. As *vigorous* and *prolific* as Prolific German Wax Black Seeded; pods as *large* and of as *good color*, ripening *remarkably* uniformly and well together. Price, per quart, postpaid, 40 cents; per package, 10 cents.

BURPEE'S BUSH LIMA BEAN.

This is a true bush form of the luscious large Lima Bean, coming absolutely true from seed. The bushes grow eighteen to twenty inches high, are stout and always erect, yet *branch so vigorously* that each plant develops into a magnificent circular bush, from two to three feet in diameter. The bush character is thoroughly established, not one plant in a thousand showing any disposition to "run."

It succeeds wherever the pole lima does, and is a *great yielder* of handsome large pods, well filled with beans, which are *identical in size* and *luscious flavor* with the pole Limas. It will not give satisfaction on heavy or wet soils. Price, per peck, by express, \$2.00; per quart, postpaid, 60 cents; per package, 10 cents.

BOSTON SMALL PEA BEAN.

This is the bean which sells in Boston market at prices above those of the ordinary varieties of pea beans and mediums. It is early, very hardy, and very prolific, and yields from forty to sixty fold, and in some instances, a hundred, with ordinary field culture. Price, per peck, express or freight, \$1.00; per quart, postpaid, 35 cents; per package, 10 cents.

WARREN BUSH BEAN.

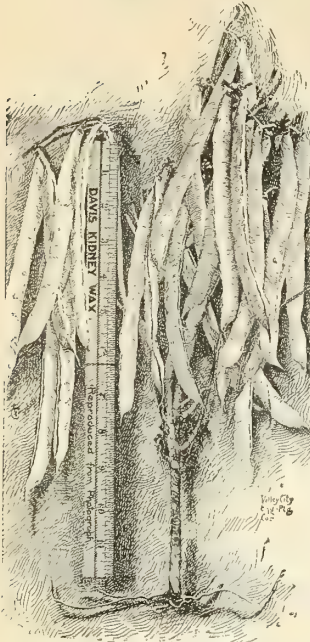
After having carefully tested the Warren side by side with scores of varieties, we unhesitatingly pronounce it to be the *best of all bush beans* we are acquainted with, for table use. The Warren is a good cropper, and has a large, pulpy, stringless pod. When cooked, it has the rich quality that heretofore has been believed to be confined to the best of the pole beans. If any of our customers dislike the dark color of the Warren, we would recommend them to try as a substitute Low's Champion (a red variety). Price, per bushel, per express, \$4.00; per peck, per express, \$1.25; per quart, per express, 25 cents; per quart, postpaid, 40 cents; per package, 10 cents.



BURPEE'S BUSH LIMA. (NEW.)

DAVIS KIDNEY WAX DWARF BEANS.

(Novelty of 1896.)



The Davis Kidney Wax is a new and distinct kidney variety. The engraving, as shown, is a genuine production from life. The plant is vigorous, of compact, upright growth. The pods are extra long, straight oval, clear, waxy white color and handsome, often growing to a length of seven to eight inches, and, when fit for use, are quite stringless and of fine flavor. A little stringy as they grow old, but fine eating at every stage of growth.

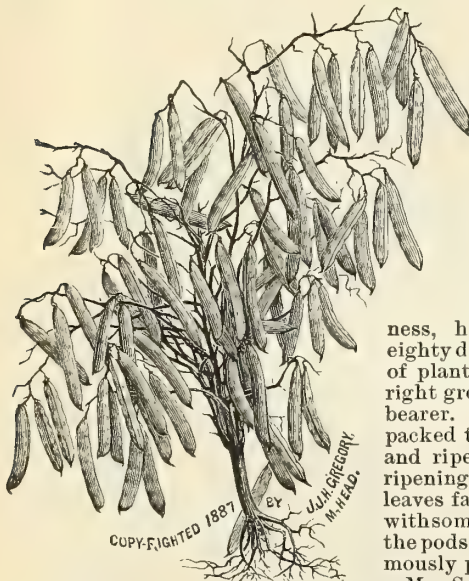
One of the main points of superiority over other sorts is its extreme hardiness and shipping qualities. This new Bean will be likely to become a popular, standard wax sort. Price, per quart, postpaid, 45 cents; per package, 10 cents.

**KEENEY'S
RUSTLESS, GOLDEN WAX BEAN.**

All wax beans that are of a yellow or wax-like color are more or less subject to rust, which spoils them for market use. Mr. Keeney, the great bean grower of New York, believes he has at last secured a bush variety, a sport from the Golden Wax, that excels all others in its comparative freedom from rust, while its hardiness, productiveness and fine quality make it specially desirable. The pods are well filled, and entirely stringless, even when large enough to shell. Price, per quart, postpaid, 40 cents; per package, 10 cents.

RHODE ISLAND WHITE BUSH.

This is the earliest snap bean raised by the marketmen around Portsmouth for the New York market, to the exclusion of all others. Very early, very productive, first-class as a snap bean. Price, per quart, postpaid, 40 cents; per package, 10 cents.

SNOWFLAKE FIELD.

SNOWFLAKE FIELD BEAN.

A careful comparative test of the yield of the Snowflake, White Wonder and Burlingame beans, writes us that he found that in

The cut was engraved from a photograph of a vine raised on our farms. A more descriptive name would be Improved Pea Bean, for that is just what it is,—a decided improvement on the common standard pea beans in earliness, having dry beans eighty days from the time of planting. It is an upright grower and a great bearer. The pods are packed thick, in clusters, and ripen in August, all ripening at once. The leaves falling earlier than with some varieties, opens the pods to the sun. Enormously productive.

Mr. S. H. Seamans of Milwaukee, who made a

this respect Snowflake surpassed the others. He counted one hundred and twenty completely filled pods on a single vine. Price, per peck, per express, \$1.25; per quart, postpaid, 45 cents; per package, 10 cents.

MARBLEHEAD EARLY HORTICULTURAL.

What would our customers say to a variety of Dwarf Horticultural that, with all the fine traits of that excellent variety, large beans, and large, rich-colored pods, excellent either for shelling or stringing, there could be added the capital trait of being in the very front rank for earliness? The Marblehead Early Horticultural is, we think, one of the earliest beans grown. Price, per quart, postpaid, 45 cents; per package, 10 cents.

EARLY CARMINE-PODDED DWARF HORTICULTURAL.

There is no bean raised that is earlier than this. While just as early as our Marblehead Dwarf Horticultural, it surpasses it in the richer red color of its pods, most of which are bright red, making it decidedly more desirable as a market bean. While the common Bush Horticultural is a late bush bean, the Marblehead and the Carmine stand in the front rank of the earliest sort. Price, per quart, postpaid, 50 cents; per package, 10 cents.

HENDERSON'S NEW BUSH LIMA.

This grows from fifteen to eighteen inches high, in a compact bush form, and produces heavy crops, which can be gathered as easily as the common bush bean. It has, also, the excellent trait of maturing its crop at least two weeks earlier than the common Lima. We find this to be the small Lima or Sieva. It is a thorough dwarf. To get full satisfaction from this bean it is necessary to grow it on a light soil inclining to sand. Price, per quart, postpaid, 40 cents; per package 10 cents.

DREER'S BUSH LIMA.

This is a much larger bean and of decidedly better quality than the Henderson Bush Lima. Though not quite as large as Burpee's Bush Lima, the beans are thicker, sweeter, grow closer together in the pods, are more tender and succulent, and, what is of greater importance, it is a decidedly earlier variety, and the pod remains longer green after maturing. Plant in rows two and one-half feet apart, and have the plants a foot apart in the rows. For private gardens, and wherever the use of poles is undesirable, it will be a great acquisition. Price, per quart, postpaid, 60 cents; per package, 10 cents.

SEIBERT'S EARLY LIMA POLE BEAN.

(Novelty of 1896.)

Mr. Seibert writes of his new Lima as follows: "The earliest true Lima, no other sort so early, no other sort so good, as large as the largest, making it the best pole Lima bean ever offered. The vine is exceptionally hardy and vigorous, and not only produces pods earlier, but continues in bearing longer than any other sort." Planted in our experimental grounds, it proved to be decidedly the earliest of all the varieties. In the latitude of Massachusetts it can only be relied upon to reach the green shell stage, but if desired the crop can be dry ripened.

No progressive gardener will fail to try it.

Price, per peck, per express, \$2.25; per quart, postpaid, 55 cents; per package, 10 cents.

MAMMOTH CARMINE-PODDED HORTICULTURAL POLE BEAN.

Every marketman is eager after the largest podded, and the richest Carmine Colored Horticultural Pole Bean. Here he will find decidedly the most attractive that has ever been catalogued. One of our clerks, who visited a large plantation of this new bean in 1893, tells me it was the handsomest sight in beans he ever saw. Thousands of poles were literally covered from top to bottom with its extra large, carmine colored pods; "painting the landscape red" with their mass of most brilliant coloring. Not only are the pods so much richer in color, but both pods and beans are much larger than those of the common kind. Its cropping qualities vary with different soils. Price, per quart, postpaid, 50 cents; per package, 10 cents.

L. Pickering, Gambia, O., writes:—"I have always found your seeds as recommended."

BEANS—Continued.

R. M. Riggle, Elm Grove, Mo., writes:—"We have always found your seeds reliable."

MASTIFF GOLDEN POD POLE BEAN.

(Novelty of 1896.)

This magnificent new pole bean is pronounced by some who have tested it the most valuable variety ever catalogued. For four years comparative tests have been made with other most excellent wax sorts, and each season it has proven to be the largest and most productive of all. In size and appearance of pod it bears the same relation to other pole varieties as the Yosemite Mammoth Wax does to the Dwarf sorts. Second early. We believe it certain to become a leading Wax Pole Bean. Price, per package, 10 cents.

KING OF THE GARDEN LIMA POLE.

The King of the Garden is a vigorous grower, requiring but two vines to each pole. When not too closely planted they set their beans early, at the bottom of the pole, producing a continuous bloom and fruitage to the end of the season.

The vines grow luxuriantly, and furnish a bountiful supply of enormous pods, many specimens measuring from five to eight inches, and producing five and six beans to the pod. Price, per quart, postpaid, 50 cents; per package, 10 cents.

GOLDEN CHAMPION POLE BEAN.

This is the earliest of all the wax varieties, has pods as long as the longest, eight inches, and they are of a peculiarly rich, waxy white color, more so than that excellent variety, the Golden Butter. The pods are plump and round, and the foliage exceptionally stout and healthy; pods stringless. The points of superiority are extreme earliness, great productiveness, and the unusually fine color and quality of the pods. Price, per quart, postpaid, 55 cents; per package, 10 cents.

WILKINS' POLE CRANBERRY.

A capital medium late variety of the old-fashioned pole Tory or Cranberry bean. It is a hearty, healthy, vigorous grower, nearly covering the pole with its numerous green pods. Price, per quart, postpaid, 55 cents; per package, 10 cents.

GOLDEN CLUSTER POLE.

The pods of this variety are enormously large and long, exceeding in size any pole bean cultivated; they are of a fine waxy white, and snap capitally. We find that on favorable soil it crops splendidly. Price, per quart, postpaid, 55 cents; per package, 10 cents.

Crosby's Egyptian for early will satisfy.

BEETS.

Edmands for general crop is first-class.

CROSBY'S EGYPTIAN.



FOR THOSE WHO WISH FOR A DARK-FLESHED, SMALL-NECKED, EARLY VARIETY OF BEET, THIS IS PROBABLY THE EARLIEST AND BEST SORT.

As early as the original Egyptian, by careful selection it has been made thicker, and is less inclined to push up a woody neck as it advances in growth.

George B. Courtis, one of our best resident market gardeners, expresses but the general sentiment when he says, "After trials of many varieties, I pronounce the Crosby's Egyptian the best for early market."

Price, per pound, postpaid, \$1.00; per ½ pound, 28 cents; ounce, 10 cents; package, 5 cents.

EDMANDS' BLOOD TURNIP.

This is a very good strain of late turnip beet, with flesh of an extra dark color, which makes it very popular with market gardeners. We find it to be medium early. Our customers will find it an excellent variety for general crop where a dark colored beet is wanted. Price, per lb., postpaid, 60 cents; per ¼ lb., 18 cents; per oz., 10 cents; per package, 5 cents.

FAUST'S EARLY CRIMSON BEET.

We are much pleased as well as surprised with this new beet,—pleased with its rich crimson color, and surprised to find that it was THE EARLIEST BEET IN OUR EXPERIMENTAL PLOT, WHICH INCLUDED SUCH VARIETIES AS EGYPTIAN AND ECLIPSE! We think that this is the sweetest of all beets, and a first-class early for every one, but of especial value to market gardeners. It is sometimes catalogued as the Mitchell's beet. Price, per pound, postpaid, 60 cents; per ¼ pound, 18 cents; per ounce, 10 cents; per package, 5 cents.

THE LENTZ BEET.



This new strain of early turnip beet has a great reputation in the Philadelphia market, it being a great favorite with the most eminent market gardeners. On testing it in my experimental grounds, I note that it is early, of a fine symmetrical form, and that it has a remarkably small short top. The flesh is very prettily ringed in color, and its quality is tender and sweet. This beet, as an early kind, will prove popular with market gardeners. "The Lentz Hybrid Beets were of superior quality." Stephen Clemons, Hampton, Va. Per lb., postpaid, 60 cts.; per ¼ lb., 18 cts.; per oz., 10 cts.; per package, 5 cts.

ECLIPSE.

This valuable beet, of which we were the original introducers, has become a standard early variety. We might fill pages with recommendations. A prominent market gardener writes us: "In an experience of fifteen years, I find the Eclipse surpasses all in color, smallness of top and smoothness; and, moreover, it is a splendid cropper." Price, per lb., postpaid, 60 cts.; per ounce, 10 cts.; per package, 5 cents.

Susan Sharp, Bell, O., writes: "The Eclipse Beet eclipsed all those of my neighbors. I had beets earlier than any of them."

W. Hudson, Port Plain, N. Y., writes:—"I never fail to recommend your seeds to my friends."

BEETS—Continued.

F. E. Witherell & Son, Warwick, Mass., write:—"We are proud to say that your seeds stand high with us."

DETROIT DARK RED BEET.

This beet has given great satisfaction to those market gardeners who have grown it. We find it to be as early as Crosby's Egyptian, with flesh as dark as the Edmands, with a more intense red. Tops small, upright-growing, so that the rows may be nearer together; roots globular or ovoid; color of skin dark blood red; flesh bright red, zoned with a lighter shade; very crisp, tender and sweet, and remaining so for a long time. An early beet of the finest quality for either home or market use. Price, per pound, postpaid, 65 cents; per $\frac{1}{4}$ pound, 20 cents; per ounce, 10 cents; per package, 5 cents.

GATE POST MANGOLD.

In England, where mangolds are far more extensively raised than with us, this has become the favorite variety, as it is found by test to yield the heaviest weight per acre, while it has quite a small top, has but one tap root, with no sprangling growth, and is an excellent keeper. It has a pale orange-colored skin, white flesh and scarcely any waste. Price, per pound, postpaid, 45 cents; per $\frac{1}{4}$ pound, 15 cents; per ounce, 10 cents; per package, 5 cents.

ARLINGTON FAVORITE BEET.

We find this new beet to be a fine early sort, dark red in color, having a small tuft of leaves for foliage, of good form, fine flavor, and on the whole an excellent variety either for the market gardener or for the home garden. Price, per pound, postpaid, 65 cents; per ounce, 10 cents; per package, 5 cents.

GIANT YELLOW INTERMEDIATE MANGOLD.

This will be found to be an improvement on the common intermediate, being considerably larger in size. It grows more than half above the ground, and is of a russet-yellow color. Rather elongated and a vigorous grower, it has a thick neck, large leaves with green stems, and a very smooth and fine skin. Flesh, white, firm and sweet, much liked by cattle. In short, an excellent root, easily lifted from the ground, producing enormous crops, and an excellent keeper. We find in them a little irregularity in shape. Price, per pound, postpaid, 40 cents; per $\frac{1}{4}$ pound, 15 cents; per ounce, 10 cents; per package, 5 cents.

OUR ALL-SEASONS FOR
MARKET.

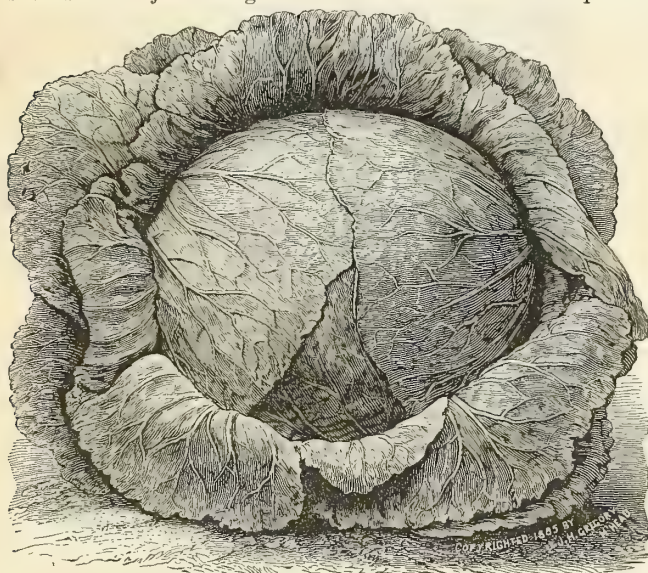
CABBAGES.

THE REYNOLDS FOR
YOUR GARDEN.

ALL-SEASONS. (Headquarters Stock.)

Sometimes called "VANDERGAW."

This fine variety, which we were the first to catalogue, has through clear, sheer merit introduced itself into every leading catalogue in the United States. It is called "All-Seasons" because it is just as good for late market or to keep over



winter as it is for the early market. Our stock is from specially selected heads. This is what the market gardeners write us:—

William S. Smith, Randolph, Mass., writes: "The cabbages grown from your All-Seasons seed last year were the best I ever raised. They are just as good now (March 15) as when first gathered."

John T. Kinney, No. Leominster, Mass., writes: "I have tried a great many varieties of cabbage seed, but your All-Seasons cabbage beats them all."

E. J. Ferguson writes: "Although it was a dry season, the All-Seasons cabbage made fine solid heads."

Samuel Staddon writes: "Your All-Seasons cabbage is the best that Chicago ever saw."

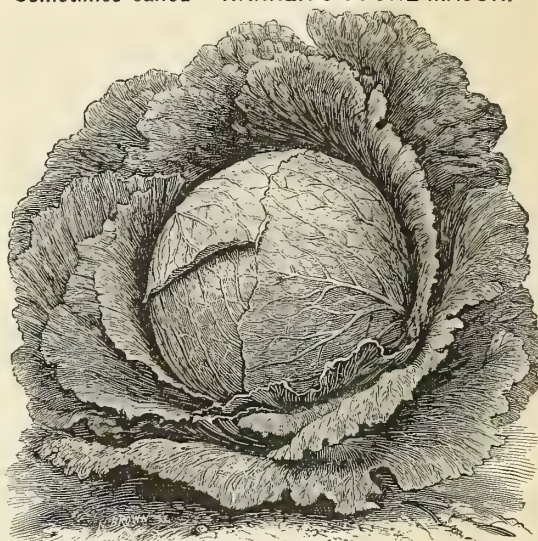
Lemuel Frazier, Jefferson Co., Wis., writes: "Your All-Seasons cabbage is the best cabbage I ever raised, both for market and family use."

C. C. Lineberry, Greensboro, N. C., writes: "Your All-Seasons cabbage is the best I have ever raised, and I will continue to use your seed as long as they are as pure as they have been heretofore."

Price, per pound, postpaid, \$2.00; per $\frac{1}{4}$ pound, 58 cents; per ounce, 25 cents; per package, 5 cents.

THE WARREN.

Sometimes called "WARREN'S STONE MASON."



This first-class cabbage is closely allied to, but an improvement on, the old Mason cabbage of twenty-five years ago. It makes a deep, round, medium-sized and very hard head, the outer leaves wrapping it over very handsomely. In reliability for heading no cabbage surpasses it; a field of them, when in their prime, is as pretty a sight as a cabbage man would wish to see. It comes in as early as some strains of Fottler, and a little earlier than others. A capital sort to succeed the All-Seasons. The heads being very thick through, and nearly round, make it an excellent sort to carry through the winter. Price, per pound, postpaid, \$3.00; per $\frac{1}{4}$ pound, 98 cents; per ounce, 30 cents; per package, 5 cents.

PREMIUM FLAT DUTCH.

Everybody knows a Flat Dutch cabbage; no introduction is necessary. There are several different strains of this cabbage, and we have endeavored by years of careful selection of stock to make our own very choice; a large increase in sales, especially in the South is the best proof that it is so. Very reliable for heading. Price, per pound, postpaid, \$1.50; per $\frac{1}{4}$ pound, 48 cents; per ounce, 20 cents; per package, 5 cents.

Joseph Ingram, Colfax, Ill., writes: "With me, seeds from Gregory have never as yet failed to grow."

CABBAGE—Continued.

G. W. Sedgley, Winthrop, Me., writes: "Your seeds have satisfied me for fifteen years."

EARLY JERSEY WAKEFIELD.

The standard early cabbage in the markets of New York and Boston. Our seed stock will be found to be very choice, being raised from the finest hard heads, carefully selected. We have tested many varieties side by side with our own but have never found one equal to our present strain. Price, per pound, postpaid, \$3.00; per ¼ pound, 98 cents; per ounce, 30 cents; per package, 5 cents.

REYNOLDS' EARLY.

The Reynolds' is a scientific cross, between the Schweinfurt Quintal and Cannon Ball cabbage.

The great drawback to the Schweinfurt was the softness of the heads. Now the Cannon Ball is an early cabbage, being one of the hardest heading varieties known; and the result has been to produce a new cabbage, which, while as early as the Schweinfurt, partakes also of some of the hardness of the Cannon Ball. The flavor of this new cabbage is rich, tender, and sweet, being superior to the Drumhead class, making it a valuable variety for family use, and also for marketing, *where there is not long transportation*. Price, per pound, postpaid, \$2.00; per ¼ lb., 58 cents; per ounce, 25 cents; per package, 5 cents.

FOTTLER'S EARLY BRUNSWICK CABBAGE.

After an extensive trial on a large scale by market farmers in all parts of the United States, Fottler's cabbage has grown in estimation in all the great cabbage districts. Those of our brother farmers who raise this fine, early Drumhead will find the Deep Head an improvement on it in depth of the head, which makes it a better strain to raise when the crop is for winter or spring marketing. Price, per pound, postpaid, \$1.75; per ¼ pound, 53 cents; per ounce, 20 cents; per package, 5 cents.

EARLY DEEP HEAD.

Every one of our customers who has raised them must have found the Early Deep Head a magnificent cabbage. The Deep Head makes a larger and deeper head than the original Fottler, hence is better to keep over winter, "peeling" well in the spring.

Price, per pound, postpaid, \$2.00; per ¼ pound, 58 cents; per ounce, 25 cents; per package, 5 cents.

ALL HEAD.

If there is any difference between this and our Deep Head, certainly we have been unable to find it. However, under whatever name it may be known, it is an excellent sort for reliability for heading, size, earliness, and hardness of the head. Per lb., postpaid, \$2.00; per ¼ pound, 58 cents; per ounce, 20 cents; per package, 5 cents.

HENDERSON'S SUCCESSION CABBAGE.

We find this to be a valuable variety. It has been thoroughly well bred, and has uniformly short stumps, about all of them supporting well-shaped, firm solid heads, as like each other as twins. Mature about ten days later than Early Summer. Price, per pound, postpaid, \$2.50; per ¼ pound, 73 cents; per ounce, 25 cents; per package, 5 cents.

MARBLEHEAD MAMMOTH CABBAGE.

This is the *largest variety of the cabbage family in the world*. We have had heads, when stripped of all waste leaves, that could not be got into a two-bushel basket, having a diameter two inches greater. Our patrons generally succeed in growing the Mammoth from our seed to the weight of thirty and forty pounds, and in some instances over *ninety pounds!* It is the *best of all varieties to raise for winter feed for poultry*. We are specially careful to maintain the reputation of this giant among cabbages. The heads from which we raised this seed averaged forty pounds each. Price, per pound, postpaid, \$2.00; per ¼ pound, 58 cents; per ounce, 25 cents; per package, 5 cents.

DIAMOND WINTER CABBAGE.

Said to be a cross between the Short Stem Drumhead and that remarkable hard-headed sort, the Danish Round Winter, making a large-sized, very hard-headed variety, not liable to crack open, growing on a fairly short stump, and very reliable for heading. Price, per pound, postpaid, \$3.00; per ¼ pound, 98 cents; per ounce, 30 cents; per package, 5 cents.

GREGORY'S HARD-HEADING (OR LUXEMBOURG).

✂ This is the king of all cabbage for late spring selling. A. W. Dodge, Commission Merchant, Boston, Mass., writes: "You may say to any one who may think of growing the Hard-Heading that they are the finest cabbage ever put in Boston market at this time, May 11, 1891."

Writes Mr. R. M. Edgecomb, from Mapleton, Mich.: "I have just (April 15) taken out a load of your Hard-Heading almost as green as when buried."

George H. Baer, Morgantown, Pa., writes: "We had a head of your Hard-Heading cabbage on the table the first of June as sound as a new cabbage."

✂ A little advice: for early fall marketing we should as soon have the Deep Head, Stone Mason varieties; but for *late* fall, when a large proportion is wanted for shipment, or to be stored for winter sales, for winter marketing and preëminently *for spring and late spring sales*, when cabbages usually bring their highest price, *this is the cabbage*. THOSE WHO RAISE IT WILL HAVE THE MARKETS OF LATE SPRING ENTIRELY TO THEMSELVES. To get the very hard heavy heads plant ten days earlier, and manure more liberally than for the common Drumheads. Price, per pound, postpaid, \$2.50; per ¼ pound, 73 cents; per ounce, 30 cents; per package, 5 cents.

GERMAN EXPORT CABBAGE.

This is one of the hard-as-stone varieties which are sent over here from Germany every spring, and bring at times a dollar more than the best of our home-grown sorts. The reason is, they are so much harder and consequently heavier per barrel. The heads are hardly as large as the average of our native Drumheads, and it has rather a long stump, though this latter is really of no practical importance. Price, per pound, postpaid, \$3.00; per ¼ pound, 98 cents; per ounce, 30 cents; per package, 5 cents.

IMPROVED AMERICAN SAVOY.

The Savoy is the tenderest and the richest flavored of all cabbages, and for boiling are decidedly the best. The Improved American Savoy is probably the best of all the Savoy for the general market. It grows to a large size, is as reliable for heading as the Stone Mason or Premium Flat Dutch, and has as short a stump



as either of these varieties. We heartily recommend it to all those market gardeners who grow Savoy by the acre for the general market. Price, per pound, postpaid, \$2.00; per ¼ pound, 58 cents; per ounce, 20 cents; per package, 5 cents.

GUERANDE CAN BE PULLED
BY HAND.

CARROTS.

DANVERS—OURS IS THE MARKET
GARDENER'S STRAIN.



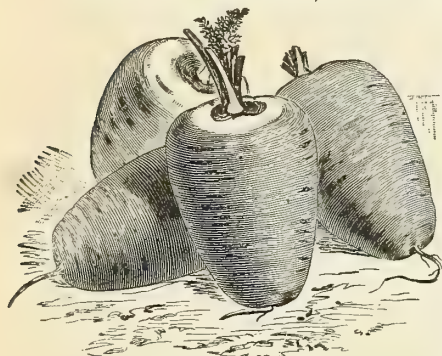
DANVERS.

DANVERS.

In the town of Danvers, Mass., the raising of carrots on an extensive scale has for years been quite a business,—the farmers finding a large market in the neighboring cities of Salem, Lynn, and Boston. After years of experimenting they settled upon a variety which originated among them (as did the Danvers onion), known in their locality as the "Danvers Carrot." It is in form about midway between the Long Orange and Short Horn class, growing generally with a stump root. Under high cultivation (see our treatise on Carrots and Mangolds) are raised from twenty to forty tons to the acre, and, at times, even larger crops. This carrot is of a rich dark orange in color, very smooth and handsome, and from its length is easier to dig than the Long Orange. It is a first-class carrot for any soil. *The seed we offer is from most carefully selected stock.* Price, per pound, postpaid, \$1.25; per ounce, 15 cents; per package, 5 cents.

P. L. Pasco, Ripon, Wis., writes: "I have grown Danvers Carrots from your seed at the rate of sixteen hundred bushels to the acre."

GUERANDE HALF-LONG, STUMP ROOTED OR OXHEART.



GUERANDE HALF-LONG.

Intermediate as to the length between the Scarlet Horn and the Short Horn. It is much thicker at the neck than either, and, as will be seen by the engraving, carries its thickness well down towards the bottom. Crops as heavy as the Danvers with this advantage, that it can be grown thicker and can be raised on stonier land while every carrot can be easily pulled by hand; no ploughing or digging being necessary. Price, per pound, postpaid, 80 cents; per ounce, 12 cents; per package, 5 cents.

Writes G. W. Tripp, Otsego, Wis.: "From one ounce of the Guerande I raised forty-two bushels of fine carrots."



CHANTENAY.

CHANTENAY.

This new French carrot is of a rich, dark orange color. In earliness it ranks intermediate between the Danvers and the Short Horn. It is of the style of the Danvers, hardly as large, but finer and more symmetrical. Our customers will find the Chantenay a decided acquisition for those markets which call for those carrots of a finer type than the Danvers. Don't plant it for stock feeding as it will not yield equal to the Danvers. Price, per pound, postpaid, 80 cents; per ounce, 12 cts.; per package, 5 cts.

LONG RED CORELESS CARROT.

This variety resembles the Early Nantes, but is very strikingly longer and consequently more productive. It is almost cylindrical in shape, blunt at the lower extremity, and has extremely red, very sweet, and fine flavored flesh. This is especially an early, small leaved, kitchen-garden variety. It might be described as an elongated Danvers, though it is hardly as vigorous a grower. More profitable for market than as a carrot for stock. Price, per pound, postpaid, 80 cts.; per ¼ lb., 23 cts.; per oz.; 12 cts.; per pk., 5 cts.

IMPROVED SHORT WHITE. (New.)

This new and distinct variety, Mr. Ferry thinks, is destined to take first rank as a field carrot, owing to its enormous productiveness, and the ease with which it can be harvested. Roots half long, very heavy at the shoulder, smooth; color light green above ground, white below; flesh rich, white, solid, crisp, and of excellent flavor. As a heavy-cropping, easily harvested, white carrot, it is probably the best of its class. A real acquisition. Price, per pound, postpaid, 80 cts.; per ounce, 12 cts.; per package, 5 cts.

Abram Swing, Aurora, Ind., writes: "If you lived in Asia I would find you out and buy your seeds."

Joseph E. Crosby, Clarkston, Mich., writes:—"When it comes to reliability I don't believe that there is a more honorable seed firm in the United States."

Jas. H. Crofut, Westbrook, Conn., writes: "Your seeds have ever proved equal to your assertions concerning them."

CAULIFLOWER.



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THORBURN'S GILT-EDGE. (See Cut.)

This is undoubtedly the finest strain of the Snowball variety. It is a little later and larger than the common Snowball, and can be left longer in the field without decaying. Price, per ounce, \$3.50; per package, 25 cts.

HENDERSON'S SNOWBALL.

This ranks extremely high among the early varieties; for earliness, reliability for heading, size of head, and rich, white, curdy appearance, it is deservedly very popular. *Our seed will be directly from Henderson & Co., and all except the packets will bear their seal.* Price, per ounce, \$4.00; per package 25 cents.

LONG ISLAND BEAUTY.

In a late trial every specimen of the Long Island Beauty made fine heads, and the heads averaged larger than any other sort. It is among the earliest. We would advise all our market-garden customers, who are raisers of cauliflower, to give this a trial, not forgetting that cauliflowers will sometimes vary for reasons thus far untraceable. Price, per ounce, \$2.00; per package, 20 cents.

EARLY PADILLA CAULIFLOWER.

We have planted the Early Padilla with that excellent variety, the Snowball, and the Padilla headed earlier, and made as many and as good heads as the Snowball. It certainly will be a good investment for all market gardeners to give this new American cauliflower a trial. Price, per ounce, \$1.25; per package, 15 cents.

THE PASCAL IS NOW ACKNOWLEDGED TO
BE THE BEST WINTER KEEPER.

CELERY.

OUR LACKEY'S CORN IS NEARLY AS EARLY
AS THE CORY AND OF FINE QUALITY.

GIANT PASCAL.

This self-blanching variety of celery comes to us from France. It is a tall sort, growing large, thick and solid stalks. Dark green in color, it has a golden heart and a rich, nutty flavor. Unlike some of the self-blanching varieties, this is a fine keeper, being found in the markets of Paris from the end of December to the beginning of March. Well worthy the attention of every enterprising market gardener. Price, per pound, postpaid, \$1.75; per $\frac{1}{4}$ pound, 53 cents; per ounce, 20 cents; per package, 5 cents.

CRAWFORD'S HALF-DWARF.

This has a rich, nutty flavor, and great vigor of growth. When blanched, it is very ornamental for the table, and surpasses most of the large-growing sorts in weight of bunch, when grown under the same conditions. Price, per pound, postpaid, \$1.50; per $\frac{1}{4}$ pound, 48 cents; per ounce, 15 cents; per package, 5 cents.

KALAMAZOO.

This is the variety the farmers always raise on the great celery farms of Kalamazoo. It is said to be the most perfect type of Dwarf White Celery known. Very distinct and handsome, of a beautiful cream-white color throughout, it attains a very large size, is of quick growth, stiff and close habit, is remarkably solid and finely flavored. The ribs are very broad, and closely set. A first-class keeper. Price, per pound, postpaid, \$1.50; per $\frac{1}{4}$ pound, 48 cents; per ounce, 15 cents; per package, 5 cents.

PARIS GOLDEN YELLOW LARGE SOLID.

This celery has become exceedingly popular for fall use, blanching sooner than any other sort. It surpasses in about all the characteristics sought after—vigor of growth, a tendency under high cultivation to shoulder like the Boston Market, large size, readiness in blanching, *it being to a large degree self-blanching*, and in possessing the rich, nutty flavor of the best varieties. It is decidedly a better keeper than most of the self-blanching sorts, though surpassed in this respect by the Boston Market, Pascal and Arlington. Mr. W. H. Munroe, of Beverly, Mass., writes us: "I find the Golden-Yellow Large Solid Celery to be very large and stalky, very easily blanched, very fine in flavor, and of a rich golden-yellow color. I very much like it." F. J. Kinney, Worcester, Mass., indorses this variety as the best he has thus far found, for winter market. This has become the acknowledged early variety grown for the very discriminating people

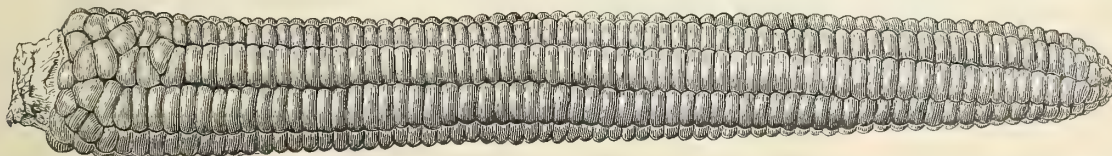
of Boston, by the market gardeners who supply them. Price, per pound, postpaid, \$3.50; per $\frac{1}{4}$ pound, \$1.10; per ounce, 35 cents; per package, 5 cents.

WHITE PLUME.

The peculiarity of the celery known as "White Plume" is, that by closing the stalks, either by tying them up with matting or by simply drawing the soil up against the plant and pressing it together with the hands, and again drawing up the soil with the hoe or plough, so as to keep the soil that has been squeezed against the celery in its place, the work of blanching is completed. The very qualities that make its culture so simple unfit it for a spring celery, as its tenderness and crispness of structure cause it to rot quicker than the old green kinds. Price, per pound, postpaid, \$2.00; per $\frac{1}{4}$ pound, 58 cents; per ounce, 25 cents; per package, 5 cents.

LONGFELLOW'S FIELD CORN.

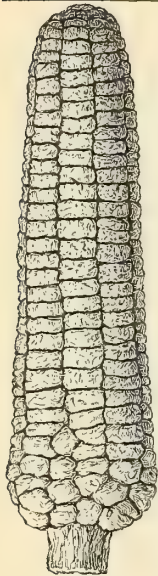
This fine field corn is the result of careful selection in the Longfellow family (relatives of the distinguished poet) for over fifty years. The ears are remarkably long, some of them fifteen inches, and oftentimes two or more good specimens grow on one stalk. The cob is quite small, and the kernels large. It is the largest variety of yellow field corn that we have ever found it safe



to plant in the latitude of Massachusetts, where it is quite extensively grown. Jonathan Skilton, Northboro, Mass., reports one hundred and fifteen bushels shelled corn from an acre. This is the variety that took the first premium among the flint corns at the great exhibition at Chicago a few years ago. Price, per bushel, per express, \$2.00; per peck, 60 cents; per quart, 20 cents; per quart, postpaid, 35 cents; per package, 10 cents.

SOME CHOICE VARIETIES OF CORN.

SEE PAGE 15.



WHITE CORY
CORN.

per quart, 20c.; per quart, postpaid, 32c.; per package, 10c.

WHITE CORY. (New.)

Some have objected to the Cory because the kernels of some of the ears have a reddish cast. Here is a new strain which is not open to this objection, for by planting only white-cobbed ears of the Cory, after several years of care, a distinct variety has been produced, nearly entirely free from the objectionable red cob and kernels. It is equally as early as the original Cory, and averages sweeter. Price, per bushel, per express, \$3.00; per peck, 90 cents; per quart, 20 cents; per quart, postpaid, 32 cents; per package, 10 cents.

COUNTRY GENTLEMAN SUGAR.

Who that has raised that sweetest of all varieties of sugar corn, which we were the first to catalogue over a dozen years ago, under the name of "Quaker Sweet," but has since been renamed "Ne Plus Ultra," has not regretted that the ear was so small as to make it difficult to market it? In this new variety, "The Country Gentleman," we have ears of good market size, which retain all the delicious quality of the "Ne Plus Ultra." Cobs small and kernels long. Our customers will find this to be a decided acquisition either for home use or for marketing. Price, per peck, per express, 95c.; per quart, 20c.; per quart, postpaid, 32c.; per package, 10c.

NONESUCH SWEET.

This variety will be sure to please. It is 12 to 14 rowed, coming in just after Moore's Concord, with larger ears. The leaves, stalk, and cob are of a rich pink color, while the grain is white tinted with pink at the cob end. Per peck, per express, 75 cents; per quart, 20 cents; per quart postpaid, 32 cents; per package, 10 cents.

ZIGZAG SWEET CORN.

(Novelty of 1896.)

This is marketable just after the Crosby; many of the stalks bear two ears; the kernels usually run zigzag down the cob, whence its name. It is remarkably sweet, and for this reason is becoming a great favorite. One of its most valuable characteristics is the long time it stands on the stock in good condition for the table. Price, per peck, per express or freight, 90 cents; per quart, postpaid, 32 cents; per package, 10 cents.

LACKEY'S EARLY SWEET.



The Marblehead and Cory varieties, which we introduced a few years ago, have not as yet been surpassed in earliness; but the Lackey Corn which we introduced to our customers in 1890, though later by a few days than our Cory, will be found to surpass either of them in two very important qualities: 1st, IT HAS LESS SMUT AMONG IT; and 2nd, IT IS DECIDEDLY A SWEETER VARIETY, being deliciously sweet. This is an excellent substitute for the Cory, or one to follow the market directly after it, as it matures earlier than the Crosby. Price, per peck, per express, 90 cts.; per quart, postpaid, 32 cents.; per package, 10 cents.

THE CORY.

This sweet corn, of which we were the original introducers, is now recognized throughout the United States as the standard early sweet corn; all of the "first earlies" are but other names for it and its varieties. Price, per bushel, per express, \$3.00; per peck, 90c.; per qt., postpaid, 32c.; per package, 10c.

QUINCY MARKET.

A great favorite in Boston market, coming in just after the Cory, and just before the Crosby. The ears resemble the Crosby, being 12 rowed, but are larger. A true sugar corn, sweet, and of excellent quality. Per quart, postpaid, 32 cents; per package, 10 cents.

POTTER'S EXCELSIOR.

We don't think there is a sweeter, richer-flavored corn for the table than this. Its quality we think will be a surprise to any of our customers who have not as yet grown it. In its season this is the favorite corn in the restaurants of the large cities. Price, per quart, postpaid, 32 cts.; per package, 10 cts.

LIVINGSTON'S EVERGREEN SWEET.

We find this comes in about a fortnight earlier than Stowell's and is not quite as large a variety. It yields large, handsome, ten or twelve rowed ears, the kernels of which are extra tender and extra sweet. Capital variety to follow Moore's. Price, per quart, postpaid, 37 cents; per package, 10 cents.

BONANZA SWEET.

An early variety with ears as long as Evergreen. About as early as Minnesota or Crosby, but the ears are decidedly larger, rich flavored and sweet. Price, per quart, postpaid, 32 cents; per package, 10 cents.

NEW EARLY CHAMPION CORN.

(Novelty of 1896.)

Says a prominent seedsman: "This is the earliest large sweet corn yet introduced, being only a few days later than the first early small sorts. Twelve rowed with pure white kernels"; and our grower says: "We find this to be fully as early as the Minnesota with a handsome ear of the size of Moore's Concord." With endorsements like the above we catalogue this variety, although we have not tested it. Price, per peck, per express, 90 cents; per quart, postpaid, 32 cents; per package, 10 cents.

MARBLEHEAD MAMMOTH SWEET.

Green ears have been exhibited weighing between two and three pounds. It is the earliest, sweetest, and largest of all the Mammoth sweet varieties. Probably no other sweet corn will yield as much fodder, and for this reason it is extensively planted to be fed green, or dry. Price, per quart, postpaid, 32 cents; per package, 10 cents.

PERRY'S HYBRID.

On our experimental grounds this has proved to be very early, and a remarkably large-eared sort for one so early. We would suggest to our farmer friends that either this or the Boston Market, if planted at the same time, would follow, for marketing, just after the Cory. Price, per quart, postpaid, 32 cents; per package, 10 cents.

EARLY BUTLER FIELD DENT.

Mr. Clark, of Ohio, who sends out this new field Dent corn, writes us as follows: "For three years I have been testing this corn with all the standard and new sorts, and find, after a thorough trial, that it is the very best one yet introduced for Northern climates." It is an extra early Dent.

Price, per bushel, express, \$1.50; per peck, 50 cents; per quart, postpaid, 35 cents; per package, 10 cents.

MEXICAN JUNE FIELD CORN.

(Novelty of 1896.)

A giant among corn, growing from sixteen to eighteen feet in height. A grand variety for grain in the South, for the silo in the North, and a grand curiosity for every section. Here on the sea-coast of Massachusetts on our experimental grounds, it reached a height of sixteen and one-half feet, and a ten-foot pole standing on the ground but just reached the lowest ear! Planted before June 1, it will mature in the South. Price, per package, 10 cents.

SOME CHOICE CUCUMBERS.

LONG SIKKIM CUCUMBER.

"This novelty is of free and long continued growth, producing from five to six cylindrical 12 to 16 inches long fruits of a fine green color when young, changing to a brownish tint toward maturity. Flesh firm, white, crisp and of agreeable taste," says Vilmorin, all of which, after a trial of it on our experimental grounds, we can fully endorse. Price, per package, 10 cents.

GIANT PERA.

Of elegant symmetry of form, and a clear smoothness of the skin, which make it very attractive to the eye. The flesh is crisp and tender, of excellent flavor, with a very few seeds. They have been raised twenty-six inches in length, and to weigh from four to six pounds. Price, per ounce, 10 cents; per package, 5 cents.

BENNETT'S WHITE SPINE. (New.)

This is considered the best cucumber brought into the New York market. We find it to be a fine strain of very pure stock, retaining its glossy green color quite late. It will be found to be a little later than the "Improved White Spine" we catalogue. Price, per pound, postpaid, 70 cents; per $\frac{1}{4}$ pound, 20 cents; per ounce, 10 cents; per package, 5 cents.

THORBURN'S EVERBEARING.

Says the introducer; "This entirely new and unique variety is of small size, *very early, enormously productive*, and valuable as a green pickler. The peculiar merit of this novelty is that the vines continue to flower and produce fruit until killed by frost, *whether the ripe cucumbers are picked off or not*, in which it differs from all other sorts in cultivation." Price, per ounce, 10 cents; per package, 5 cents.

THORBURN'S COMMERCIAL PICKLING. (New.)

Mr. Thorburn states that "this is a fine strain of the White Spine type, retaining its dark green color long after pickling." This is corroborated by our tests while growing it on a large scale. Price, per pound, postpaid, 70 cents; per $\frac{1}{4}$ pound, 20 cents; per ounce, 10 cents; per package, 5 cents.

NICHOLS' MEDIUM GREEN.

This comes as uniform in shape as Early Russian, though considerably larger than that variety. It is an excellent sort for pickles; and also good for early forcing. Color, dark green; flesh crisp; very prolific; and always straight, smooth, and handsome. Many of the larger pickle-growers who have tested it pronounce it a decided acquisition. Price, per pound, postpaid, 60 cents; per $\frac{1}{4}$ pound, 18 cents; per ounce, 10 cents; per package, 5 cents.

PARISIAN PICKLING.

A new French cucumber. It is markedly distinct from all other varieties, the fruit being strikingly long and cylindrical, and densely covered with fine prickles. The flesh is both hard, crisp and tender, what we all greatly desire in our pickles. We find that the vines are moderately productive, the fruit growing on peculiar stems. Price, per ounce, 15 cents; per package, 5 cents.

Mrs. M. E. Hornbeck, Croton, Mich., writes:—"Seeds purchased from you have proved satisfactory in every instance."

A. W. Ward, West Rutland, Vt., writes:—"I have always stood up for your seeds as being the best I ever used."

G. B. Borst, New Berlin, Ohio, writes:—"I think the Golden Large Solid Celery the very best that has yet been introduced."

Charles H. Shedd, New Boston, N. H., writes:—"Your Carmine Podded Dwarf Horticultural Beans are very early and very nice."

TAILBY'S HYBRID.

Mr. Tailby made this choice variety by his skill and perseverance in crossing the Early White Spine on one of the largest of the English frame varieties. In Tailby's Hybrid we have a perfect success in hardiness, as it proves to be equally



hardy with our American varieties. In size it is longer than the White Spine, while it retains all the smoother beauty of its English parentage. Price, per pound, postpaid, 70 cents; per ounce, 10 cents; per package, 5 cents.



LIVINGSTON'S EVERGREEN.

The New Evergreen is very *hardy* and *evergreen*, withstanding drought, and bearing until frost. A very strong grower, extra early, and of the best flavor, bearing firm, crisp fruits, either for pickling or slicing.

A celebrated vine-seed grower says: "I believe I never saw cucumbers lie thicker on the ground than the Evergreens did. When the frost killed the vines it really looked as though the *whole surface of the ground was covered*."

Mr. Henry C. Pound, Kentucky, writes: "Livingston's Evergreen Cucumber I consider one of the best for slicing, also good for pickling, and a prolific bearer. It was very dry with us last year. I did not have a fair trial, but pronounce it *ONE OF THE BEST* cucumbers. It did not seem to stop bearing."

Price, per ounce, 10 cents; per package, 5 cents.

GIANT GERMAN.

As will be seen by the engraving, this is an enormously large and exceedingly handsome cucumber. Some of the specimens on our own farms have attained the length of 25 inches and weighed eight pounds. The white color is pecu-



liarily clear and strong. For all who desire to raise the most attractive variety possible for exhibition purposes, we know of no sort which can give greater satisfaction than the Giant German. A customer in Georgia writes us that he grew one three feet long. Price, per ounce, 40 cents; per package, 10 cents.

- - FINE LETTUCES. - -

SUGAR LOAF.



If you want a first-class, all-round family lettuce try this. Its habit of growth is such that while it branches out (growing under good cultivation, to ten or twelve inches in diameter), it also grows thick and high, thus making a large plant with plenty of heart. It is medium green in color, with a fine brown tinge. Of excellent quality, and

does not quickly run to seed. We recommend it as being among the best of summer lettuces. Price, per pound, \$1.50; per ounce, 20 cents; per package, 5 cents.

LARGE BOSTON LETTUCE.

Boston is famous for her fine lettuces, and this new strain of White Tennis Ball has sprung into popularity because it is the largest of all for growing under glass, hence its great value to the market gardener. Price, per ounce, 20 cents; per package, 5 cents.

MARBLEHEAD MAMMOTH CABBAGE.



This makes the largest head of all the lettuce we have ever raised, measuring eight inches in diameter across the solid head, or as large as a good Drumhead cabbage. Moreover, the heads are as distinctly defined, and are as closely wrapped together as are found in those of the average of Drumhead cabbage. The leaves are lightish green in color. It belongs among the second early. In quality it is tender, crisp, and free from bitterness.

Mr. Meggatt, the well-known seed grower, writes us: "Planted in my trial grounds, it proved a splendid summer cabbage lettuce; very large, a hard header, good quality, and very slow to run up to seed. I think it is equal to any cabbage lettuce I ever saw, and very much better than the most of them."

Price, per pound, postpaid, \$1.50; per ounce, 20 cents; per package, 5 cents.

DENVER MARKET.



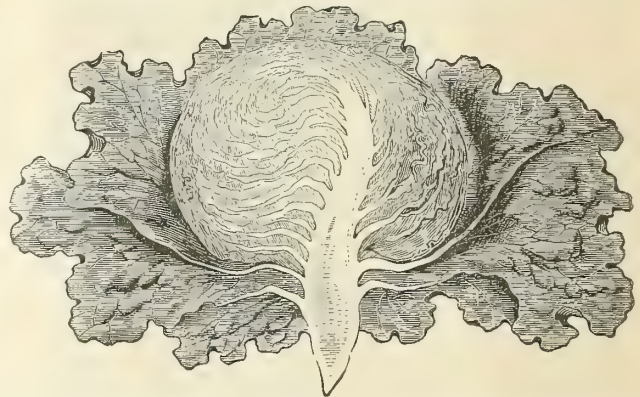
This on our grounds proves to be what the introducer claims "an early variety of head lettuce, either for forcing or open ground. It forms large, solid heads, of a good light green color, and is very slow to go to seed. The leaves are beautifully marked and blistered (like the Savoy cabbages), are very crisp and tender and of excellent flavor. By these blistered leaves it distinguishes itself from any other kind of lettuce now grown. The shape of the head resembles somewhat the 'Hanson,' but is more oblong." Price, per ounce, 15 cents; per package, 5 cents.

LEARNED'S BLACK-SEEDED TENNIS BALL LETTUCE.

Learned's variety of the Black-Seeded Tennis-ball that differs from others in the fact that it has been specially bred by years of selection and cultivation for culture under glass. It is over twice as large as the white variety. It has thus far been grown almost exclusively by the critical market gardeners in the vicinity of Boston. Well worth the attention of all our many market-garden customers. It is claimed that not one plant in a hundred will fail to make a solid head. Excellent both for forcing and outdoor cultivation. Price, per ounce, 50 cents; per package, 10 cents.

THE HANSON.

THE MOST POPULAR LETTUCE CATALOGUED.



The above cut shows the inside of this remarkably superior lettuce. Its heads grow to a remarkable size, and are sweet, tender and crisp, even to the outer leaves. This variety is free from any bitter taste found in some sorts. It is not recommended for forcing, but for outdoor cultivation it is rarely equalled, if grown on ground well manured and well cultivated. Price, per pound, postpaid, \$1.50; per ounce 20 cents; per package, 5 cents.



In writing please give your Name,

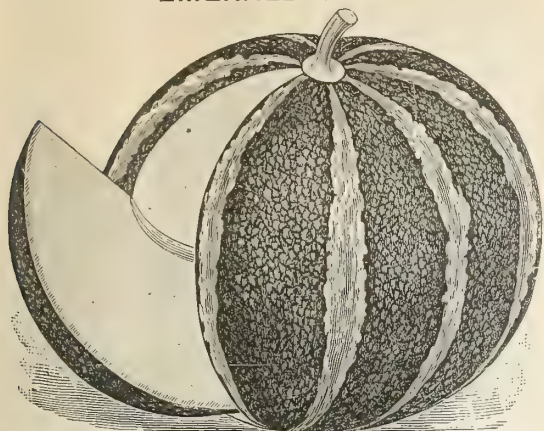


Post-Office, County and State.



SOME OF THE BEST MUSKMELONS.

EMERALD GEM.



This melon is of the Christiana type, small in size, very early; in form it is flat-round. The flesh is of a deep orange color, and very thick, the seed cavity being exceptionally small. They are very sweet and the flavor is delicious, the melons being uniformly good; they are very uniform in appearance. Price, per pound, postpaid, 65 cents; per ounce 10 cents; per package 5 cents.

CHAMPION MARKET.

This new claimant for public favor is said to be quite distinct from other varieties. They weigh from four to five pounds each. The flesh is light green in color, of a rich, sweet flavor. It is deeply ribbed and heavily netted. It is about three times the size of the Netted Gem. It has been sold in the markets of New York for \$1.50 per barrel higher than the average of melons. It is said to be very productive. It is an excellent shipper and promises to make a first-class market variety. Price, per pound, postpaid, 75 cents; per $\frac{1}{4}$ pound, 23 cents; per ounce, 10 cents; per package, 5 cents.

BANANA.

This melon surpasses all others in its delicious fragrance. It is externally of a creamy white or delicate straw color. Just under the outer skin the under one is seen, of a bright green color, while the flesh below (the melon being nearly solid) is of a rich salmon, making a fine and striking contrast when brought to the table. The quality is first-rate when the melons are thoroughly ripe. It grows from eighteen inches to two feet in length, and is very prolific. When ripe it reminds one of a large, overgrown banana, and what is a singular coincidence, it smells like one, *having a remarkably powerful and delicious fragrance*. Price, per pound, postpaid, 60 cents; per ounce 10 cents; per package, 5 cents.

COLUMBUS MUSKMELON.

Seedsmen, in common with the rest of mankind, feel the moral obligation on them of honoring the Great Discoverer, hence we have the Columbus Muskmelon. Mr Livingston describes it as of good market size; skin a bright glossy yellow color when fully ripe, and is nearly hidden by the very thick whitish netting. ITS GREEN FLESH is very deep, leaving only a small seed cavity. THE QUALITY IS ALL THAT CAN BE DESIRED. IT NEVER WAS KNOWN TO BURST OPEN AT EITHER END. Price, per pound, postpaid, 75 cents; per ounce, 10 cents; per package, 5 cents.

IRONDEQUOIT.

This appears to be an enlarged Miller Cream melon, growing to twelve inches in diameter. If it will stand squarely up to what is claimed for it, then it is indeed an acquisition, for the Miller quality of melon, of which we are rather proud to have been the original introducers, is one of the good things we can never have too much of. Price, per pound, postpaid, 70 cents; per ounce, 10 cents; per package, 5 cents.

MUSKMELON, LONG ISLAND BEAUTY.

This splendid new variety of the Hackensack type, originated on Long Island. It is of very superior quality, with green flesh and densely netted. In shape it resembles the Hackensack, but is slightly more ribbed, besides being one of the most beautiful, it is also among the *earliest*, possibly the earliest of all. Price, per pound, postpaid, 90 cts.; per $\frac{1}{4}$ pound 28 cents; per ounce, 15 cents; per package, 5 cents.

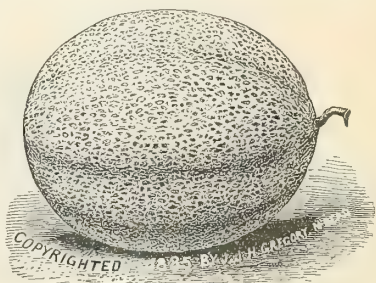


THE MILLER CREAM.

This melon, *which we were the first to name and catalogue*, has deservedly become exceedingly popular, probably more so than any other muskmelon now before the public. It is a cross between those two delicious melons, Sill's Hybrid and Casaba, growing rather larger and maturing a little later than the former. The flesh is of a rich salmon color, very sweet and melting in quality, and is so very thick that the melon is almost solid, the seed cavity being remarkably small. The rind is thin, slightly sutured, and but little netted. The vine is a strong grower, and fairly productive.

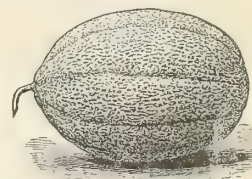
Says Mr. Goff of the New York Ag. Exp. Station: "It is extremely sweet, rich and delicious, and very distinct from any other." Chas. Furrington, Pequabuck, Conn., writes: "The Miller Cream is, without exception, the *very best* variety I ever raised; many of my friends pronounce it the best they ever ate, and I have a good many friends about the time melons are ripe."

Price, per pound, postpaid, 65 cents; per $\frac{1}{4}$ pound, 20 cents; per ounce, 10 cents; per package 5 cents.



GOLDEN NETTED GEM.

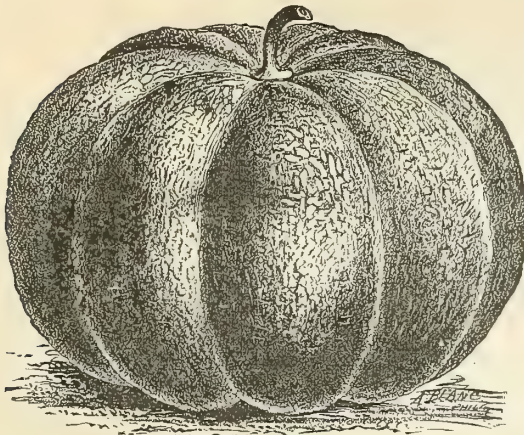
A new and most valuable acquisition. On our experimental grounds, side by side with several other sorts, we found it ripened as early as the earliest, and the whole crop considered decidedly the earliest of any of them. Green-fleshed, nearly round in form, very heavy for its size, flavor delicious. It is below the average size, *making it a better variety for family use than for market*, but is a tremendous cropper, yielding as many as twenty to a single hill. Price per ounce, 10 cents; per package, 5 cents.



SURPRISE.

A new melon which has a thin, cream-colored skin and a thick, salmon-colored flesh. Early, very productive and of delicious flavor. Externally it resembles White Japan, *but grows to twice the size*. Price, per pound, postpaid, 55 cents; per package, 5 cents.

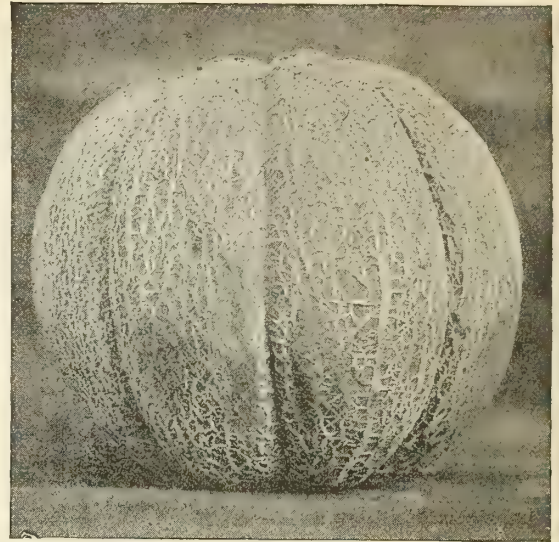
MUSKMELONS—Continued.



SHUMWAY'S GIANT MUSKMELON.

(CANTALOUPE.)

Of the fifteen varieties of cantaloupes grown on our trial grounds in 1893, nearly all of them new sorts, this was the largest of all. It has been raised to weigh over twenty pounds. The color of the skin is a yellowish green; the shape is nearly round, slightly flattened. The flesh is a light salmon in color. Quite thick meated, it suggests in quality a cross between a muskmelon and a cantaloupe. It ripens clear to the skin. This large, showy melon, of excellent quality for so large a variety, would be likely to take well in any market. Prolific and remarkably pure. Price, per $\frac{1}{4}$ pound, postpaid, 20 cents; per ounce, 10 cents; per package, 5 cents.



SIX OAKS CANTALOUPE.

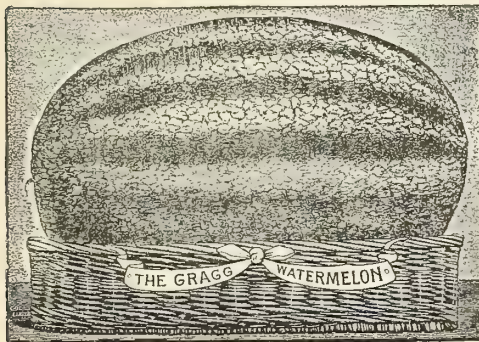
This is the best of all the varieties of new cantaloupes we tested in 1893. It is not only of the largest size, but is early and the fruits are heavy for their size. We found the specimen from which our engraving was made to be simply delicious. It is green-fleshed, deeply ribbed, well netted, and nearly round in shape. A fine variety to raise either for market or for the family garden. Price, per $\frac{1}{4}$ lb., postpaid, 38c.; per oz., 15c. per pkg., 10c.

CHOICE WATERMELONS.

SEMINOLE.

This originated in Florida, the land of melons as well as flowers. It sports from gray to green in color, but all are of the same size, shape, flavor, etc. It is said to possess four distinguishing qualities: it is *extra early*, *extra large*, *enormously productive*, and of *most delicious flavor*. Price, per pound, postpaid, 60 cents; per $\frac{1}{4}$ pound, 18 cents; per ounce, 10 cents; per package, 5 cents.

THE NEW GRAGG.



A distinct variety in both inside and outside appearance. Color dark green with alternate stripes of lighter green, the whole being covered with a delicate tracery of dark veins. The flesh is of a delicate salmon tint, which makes it exceedingly handsome and tempting. Flesh sweet, juicy, with a rich flavor peculiar to itself. Wherever grown it has called forth the highest praise for its new and distinct appearance, its earliness, its hardiness, and great productiveness. Large, oblong, just about the right size for marketing. Several weeks earlier than Ice Cream. Price, per pound, postpaid, 60 cts.; per ounce, 10 cts.; per package, 5 cts.

FLORIDA FAVORITE.

Mr. Girardeau, of Florida, who originated this new variety, thus describes it: "In shape it is oblong; in coloring, green and white stripes blended; flesh, light crimson, crisp, and deliciously sweet, ripening ten days earlier than Rattlesnake, Kolb's Gem, and Iron-clad, all having been planted at the same time." He considers it the finest table melon extant. Seeds rather small and of a creamy white color. Price, per pound, postpaid, 60 cents; per ounce, 10 cents; per package, 5 cents.

DIXIE.

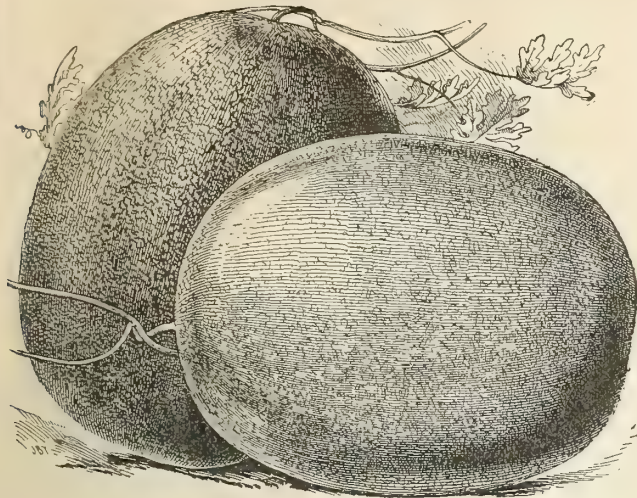
A new Southern variety, which is said to surpass the famous Kolb's Gem as a shipper, and to be unexcelled in quality and productiveness; highly recommended by various growers for hardiness, quality, and productiveness. One realized \$200 per



acre; another got \$30 to \$40 per hundred; a third declares it the best in his thirty years of experience; a fourth counted a dozen ripe to a hill, and a fifth took first premium at the Illinois fair. Price, per pound, postpaid, 60 cents; per ounce, 10 cents; per package, 5 cents.

WATERMELONS—Continued.**SWEET HEART WATERMELON.**

A distinct and new watermelon, which is large, handsome, heavy, a good shipper, long keeper, of bright color and best quality. Carloads of Sweet Hearts were sold at fancy prices when no other sort was salable.



We have not tested this variety on our own grounds, but a dealer of large experience, and an excellent authority, gives this description of it: "Vine vigorous and productive, ripening its fruit early. Fruit large, oval, very heavy, uniformly mottled light and dark green. Rind thin but firm. Flesh bright red, firm, solid but very tender, melting and sweet. Fruit remains in condition for use longer than most sorts. Seeds gray." If this is the kind of melon the Sweet Heart is, certainly it is worthy of trial in all our gardens. Price, per pound, postpaid, 60 cents; per ounce, 10 cents; per package, 5 cents.

GREEN AND GOLD.

Color just below the skin is of the richest golden-orange. In sweetness and flavor it is simply delicious, certainly not surpassed by any red-fleshed variety we have ever eaten. This melon grows to weigh from twenty to forty pounds, and ranks among the very earliest. Its rich golden color will make it most desirable as an ornament for the table, if arranged slice and slice in contrast with the common sorts. Price, per pound, postpaid, 50 cents; per $\frac{1}{4}$ pound, 18 cents; per ounce, 10 cents; per package, 5 cents.

KOLB'S GEM.

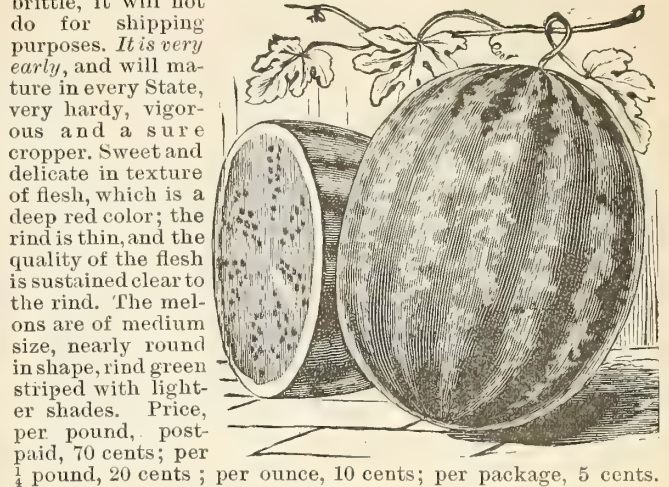
Grown in the South for shipping to Northern markets, and has proved to be one of the best shipping melons known, as it has a very tough skin and will stand transportation better than most kinds. The flesh is of a bright red color. Quality medium. Round in shape, striped with light green, and grows to weigh from twenty-five to fifty pounds. Price, per pound, postpaid, 50 cents; per ounce, 10 cents; per package, 5 cents.

RUBY GOLD.

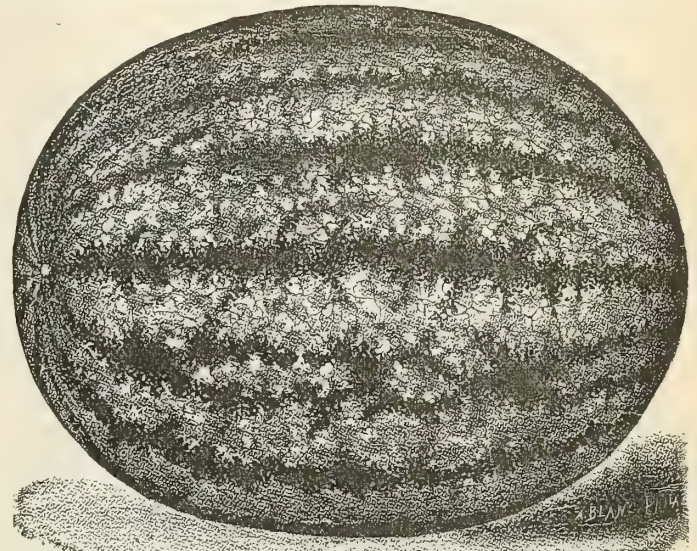
These vary in external color, part being light striped and part dark, and there is also some varying in the color of the flesh, but all are exceedingly elegant, being mostly an admixture of the two colors, ruby and gold, which has a rare ornamental effect. They grow to a good size, and are very sweet and of excellent quality. Price, per pound, postpaid, 50 cents; per ounce, 10 cents; per package, 5 cents.

COLE'S EARLY WATERMELON.

Cole's Early is one of the finest every-day melons ever offered, for the amateur and for the home market. Being somewhat brittle, it will not do for shipping purposes. *It is very early*, and will mature in every State, very hardy, vigorous and a sure cropper. Sweet and delicate in texture of flesh, which is a deep red color; the rind is thin, and the quality of the flesh is sustained clear to the rind. The melons are of medium size, nearly round in shape, rind green striped with lighter shades. Price, per pound, postpaid, 70 cents; per $\frac{1}{4}$ pound, 20 cents; per ounce, 10 cents; per package, 5 cents.

**THE DUKE JONES WATERMELON.**

Many new watermelons have been introduced of late, but there will always be room for an improved variety, and this the Duke Jones must be, according to the testimony of those who have handled it on a large scale. It is a nearly round variety, of enormous size, of surpassing quality and excellent shipper.



Here is what they say of it: "Mr. Girardeau has shipped ten cars of his Duke Jones melons over our road; the cars averaged forty pounds to a melon; one carload, forty-three pounds. They were the finest melons I have ever seen, and the flavor was delicious."—T. J. Wright, Agent. "Send us another car; such stock will sell, no matter what condition the market is in."—J. Leverine, Cincinnati, Ohio. J. R. Wilder, of Anthony, Florida, writes: "In our judgment the Duke Jones is destined to supersede all varieties as a shipper as well as a local market melon. It has every desirable quality." Other growers and dealers indorse heartily its quality, large size and remarkable bearing qualities, but we think the above selection sufficient to give our patrons a good idea of its merits. Price, per pound, postpaid, 75 cents; per $\frac{1}{4}$ pound, 23 cents; per ounce, 10 cents; per package, 5 cents.

SUPERIOR ONION SEED.

For Full Directions for Raising Onions, see our Treatise on Onion Growing—Sent to Any Address for 30 Cents.

See Prices on Pages 45 or 46.

As a rule, Red Onions are of Superior Table Quality.

PEDIGREE ONION SEED.

We still continue to raise our pedigree strain of onion seed of the various kinds, by which we mean seed grown from most carefully selected, hand-picked onions. We send the men over the beds after the onions are pulled, raked in winrows and dry enough to house, on their hands and knees, to select out the driest and therefore the earliest, the thickest, hardest and best-shaped onions, all to be of good market size. We have a right to claim that seed raised from such onions is decidedly superior to the great mass of seed to be found in the market.

We would invite any onion planter to visit our seed farms, at Howe's Station, Mass., and examine our seed onions.

An observing, intelligent farmer claimed that earliness, reliability for bottoming, smallness of neck, can be as thoroughly inbred in an onion as capacity to transmit her good qualities can be inbred in a cow or any class of animals. What is possible to attain to in this matter our customers find in our onion seed, as shown in the extracts from letters given below.

Fred H. Tingler, Ebenezer, N. Y., writes: "From $4\frac{1}{2}$ pounds of your Early Round Yellow Danvers onion seed, planted on less than an acre, I grew 940 bushels of fine onions."

Ettore Tassanari, Asylum, Essex Co., Mass., writes: "We took a first prize at the Mass. Hort. Society's Fair at Boston, in October, for Yellow Danvers Onions, grown from your seeds."

Byron Chesley, Bridgetown, N. S., writes: "I took three first prizes on onions grown from your seed at our late Provincial Exhibition."

George Kenney, Coventry, Conn., writes: "Onion seed of your own growing have done better for me than any from other seedsmen."

Levi Boardman, Sheffield, Mass., writes: "I raised 225 bushels of Early Red Globe Danvers Onions on one-fourth of an acre last season. The seed came from your house."

C. G. Marsh, Belden, N. Y., writes: "Pedigree onion seed for me every time. Please do not substitute."

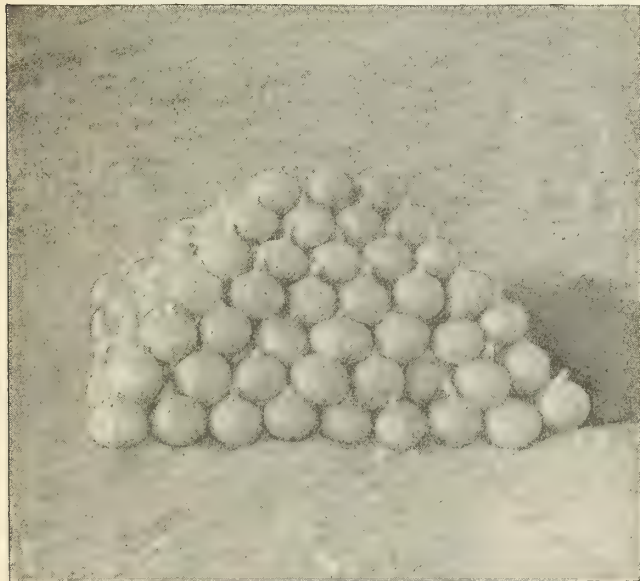


PHOTO. OF OUR EARLY ROUND YELLOW DANVERS ONION, TAKEN IN THE FIELD.

EARLY ROUND YELLOW DANVERS.

We have by careful selection increased the roundness of our Danvers Round Yellow during the past three years, until it now is a fine, large, thick onion. The Danvers onion does best on a gravelly loam, making harder and brighter colored bulbs than on heavy, dark, or mucky soil, and it keeps better. If to be raised on muck, the land should first receive two hundred loads per acre of gritty soil. Price, per pound, postpaid, \$1.80; per ounce, 20 cents; per package, 5 cents.

CHEAPER YELLOW DANVERS ONION SEED.

We again catalogue the same grade of Danvers Onion Seed sold by seedsmen in general, which we price at a lower figure than the Pedigree seed of our own raising. While this will not average so uniform in shape or so thick through as those raised from our Pedigree seed, they will vegetate first-rate and produce such Danvers onions as are usually found in the market. Price, per pound, postpaid, 80 cents; per $\frac{1}{4}$ pound, 23 cents; per ounce, 10 cents; per package, 5 cents.

EARLY RED GLOBE DANVERS.

This variety, though it has had the name "Globe" given it, is a thick, flat, rather than round onion. There are several kinds of Early Red Globe onion seed before the public; but in our trial grounds we have found no one of them equal in bottoming, earliness and cropping qualities to our Early Red Globe Danvers. This onion is not as well known as it ought to be; it ripens two weeks earlier than Red Wethersfield. Scallions are almost unknown when grown from carefully selected seed stock, it being as reliable for bottoming well as Winnigstadt cabbage is to make a head. Price, per pound, postpaid, \$1.80; per ounce, 20 cents; per package, 5 cents.



THE EARLY YELLOW CRACKER

Is the earliest of all our yellow sorts, and is an excellent kind to raise where the seasons are short. It is the best of all the yellow onions in quality, but needs to be harvested as soon as it dies down and to be handled as carefully as an apple. Price, per pound, postpaid, \$2.00; per ounce, 20 cents; per package, 5 cents.



EARLY FLAT RED.

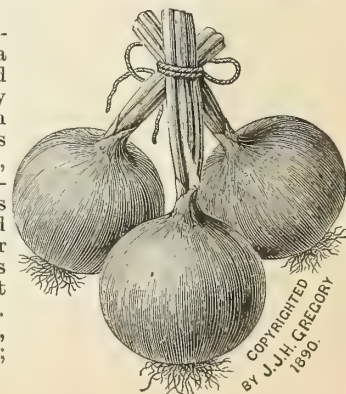
This differs from the Early Cracker in color, and is rather hardier. Price, per pound, postpaid, \$1.80; per ounce, 20 cents; per package, 5 cents.

PRIZE TAKER.

This is one of the best of the huge foreign varieties. When started early under glass, and transplanted into open ground, they bottom fairly well, are nearly free from stiff necks, and when offered for sale always attract marked attention. They are not good keepers. The variety is without doubt the largest onion grown, samples under special culture sometimes weighing five pounds. We offer this season American-grown seed. Price, per pound, postpaid, \$1.75; per $\frac{1}{4}$ pound, 53 cents; per ounce, 20 cents; per package, 5 cents.

SOUTHPORT EARLY RED GLOBE.

A few seasons ago we encountered a surprise in a new variety of Southport Red Globe Onion which is so early that it can be planted with safety wherever the Danvers will mature. This new onion, which we catalogue as Southport Early Red Globe, differs from our standard Early Red Globe in being much rounder. Hardly as good a keeper as the Red Globe, it is excellent for fall and early winter use. Price, per pound, postpaid, \$1.60; per ounce, 20 cents; per package, 5 cents.



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BY J. J. H. GREGORY
1890.

SUPERIOR ONION SEED. — Continued,**LARGE FLAT WHITE ITALIAN.**

We find in a special strain of Large Flat White Italian a decided acquisition of real practical value to the onion grower. There is no coarse, "six-pound" nonsense about it; but our customers will find it to be an extra large, extra early, white onion, that bottoms down well and is nearly entirely free from scallions.



It is as early as the Danvers, and we do not see why it may not replace the Portugal and all the early white sorts as an early onion for bunching. Like all the other large onions, it is not as good a keeper as the average varieties, such as Danvers and Large Red. Its sphere is as a fall onion. For this purpose it is decidedly an acquisition. Price, per pound, postpaid, \$1.50; per ¼ pound, 48 cents; per ounce, 15 cents; per package, 5 cents.

SOUTHPORT LATE RED GLOBE.

Very popular in the markets of New York; it measures better and sells at a higher price than Red Wethersfield. It is late, and we do not recommend it for farmers who live north of Southern Connecticut. Let them try our new variety, the Early Southport Red; for description see page 22. Price, per pound, postpaid, \$1.60; per ounce, 15 cents; per package, 5 cents.

SOUTHPORT WHITE GLOBE.

About as white and handsome as a newly-made snowball; sells at a higher price than other sorts. Too late to grow safely north of Massachusetts. A tremendous cropper: we have raised these at the rate of 1,300 bushels per acre. To get a very fine white onion, pull just as they begin to go down, and dry in an airy and shady place. Price, per pound, postpaid, \$2.25; per ounce, 25 cents; per package, 5 cents.

WHITE MULTIPLIER ONION SETS.

This new extra early onion is of a pure silvery white; it produces numerous bulbs from each one planted, but under ordinary cultivation these small bulbs fail to produce large single ones, as does the potato onion, proving that it is more nearly allied to the Shallot class of onions. Its true sphere is as a fine early sort for the kitchen garden, to be used either green or for pickling. Price, per peck, per express, \$1.50; per quart, postpaid, 52 cents.

LARGE RED WETHERSFIELD.

This is the famous old stand-by, which perhaps is more extensively raised than any other sort. It is hardy, later than Danvers, and has not been bred to make as handsome an onion. The Reds are sweeter onions to eat than the yellow sorts, but do not look so inviting when cooked. Price, per pound, postpaid,



\$1.50; per ounce, 15 cents; per package, 5 cents.

WHITE BARLETTA.

The earliest of all varieties of the onion family. The distinguishing quality of this variety is its great earliness, as also its beautiful white nacreous color. It is about 1½ inches in diameter, and ¾ inch thick, with a flat top and a prominent base. Its earliness cannot fail to make it a favorite in every garden. Bulbs raised from the seed sown will mature just about as early as those raised from sets. Price, per pound, postpaid, \$2.00; per ounce, 20 cents; per package, 5 cents.

**WHITE DUTCH EARLY ROUND HARD PICKLING.**

The White Dutch is the beau ideal of a pickling onion, small, round, hard and white, surpassing every other variety for this purpose. It is the only one used in the immense pickle factories of England and France.

For pickles you need to plant thickly, at the rate of 30 pounds per acre, to produce the small pickling size. Price, per pound, postpaid, \$2.00; per ounce, 20 cents; per package, 5 cents.

EGYPTIAN, OR PERENNIAL TREE ONIONS.

When once set out, without the slightest winter protection, these will come up year after year, as soon as frosts break ground, and grow so rapidly that they are ready for market or home use two or three weeks before any other onions. The bulbs are not round, but irregular, just like those called "rare-ripes" which we get by

setting out old onions in the spring. They are larger the second year. For family use it is unsurpassed for sweetness and tenderness. The young sets grow on top of the stalks, like tree onions. These should be planted in the fall. They will be sent out in August or September, as soon as ripened. Price, per quart, postpaid, 37 cents; per express, 25 cents; per package, 10 cents; per peck, per express, \$1.00; per bushel, per express, \$3.00.

**PRICES OF ONION SEED.**

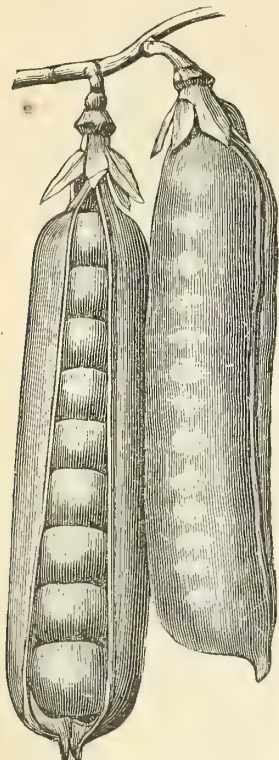
See note at foot for prices for quantities. See also pages 45 or 46.

We offer onion seed this year at the following rates:— Per lb.	
Early Round Yellow Danvers (our own raising)	\$1.72
Early Red Globe Danvers (our own raising)	1.72
Cheaper Danvers Onion Seed	.72
Early Yellow Cracker (our own raising)	1.92
Early Flat Red (our own raising)	1.72
Southport Late Red Globe	1.52
Southport White Globe	2.17
Southport Early Red Globe (our own raising)	1.52
Wethersfield Large Red	1.42

In case 10 to 25 pounds of any of the above are taken, the price will be 25 cents less per pound. No discount allowed on these rates.

These quotations are per express or freight at purchaser's expense. If ordered by mail, remit 8 cents per pound for postage.

SOME CHOICE PEAS.



NOTT'S EXCELSIOR.

THIS HAS COME TO STAY.

As early as the American Wonder, while the pods are larger, fully as well filled, and there are more of them. The cut represents the comparative size of the pods of American Wonder and Excelsior. Were we to follow the fashion of the day, we might make one as large again as the other, but there has been altogether too much humbug along this line; we propose to give facts only. It grows half taller than the American Wonder, and is a much heavier cropper. Our farmer friends should be sure to give this new pea a careful trial, for we feel sure that it has come to stay as a standard early dwarf wrinkled

NOTT'S EXCELSIOR. AMERICAN WONDER. pea.

In a comparison made on our own grounds, between the American Wonder and Excelsior, we found that under the same conditions the Excelsior yielded one-quarter more, in shelled peas one-fifth more, and in weight of peas one-third more.

The *Rural New-Yorker* says that while the Little Gem surpasses the American Wonder in productiveness, the Excelsior is "far more productive than the Little Gem"; that the pods are larger than those of the Premium Gem, the Excelsior being "within a day or two as early as the first early smooth pea."

William Monroe, of Beverly Mass., one of the best gardeners, writes: "Growing side by side at Gregory & Son's experimental grounds were Nott's Excelsior and American Wonder peas, and while the former were just as early as the latter, the Excelsior was far ahead in the size and number of pods. I ordered a supply for next year on the spot."

D. C. Hicks, No. Clarendon, Vermont, writes: "The Nott's Excelsior is a fine pea, and must eventually take the place of the American Wonder, which it outranks at all points."

Price, per peck, per express, \$2.00; per quart, postpaid, 50 cents; per package, 10 cents.

CARTER'S UP-TO-DATE PEA, or "THE DAISY."

(Novelty of 1896.)

Messrs. Carter & Co., the well-known English seed firm, say: "This is the finest flavored wrinkled pea yet introduced. Our 'Stratagem' 'Telephone,' and kindred introductions have not yet been beaten in their way, but our 'Daisy' gives a new lead of its own, and will, as a meritorious Pea, hold the field against all Dwarf Peas for a long time to come."

Its very dwarf habit, about 15 inches in height, the great size of its pod, and its heavy cropping all commend it. It is undoubtedly an acquisition. Matures just after Heroine. Price, per package, 10 cents.

KING OF THE DWARFS.

We find that this variety grows a little taller than Little Gem, and that it is a day or two earlier. It is a very sweet, wrinkled pea, a vigorous grower, and great bearer. Pods of average size. Price, per qt., postpaid, 45c.; per package, 10c.

BLISS'S ABUNDANCE.

A wrinkled variety, about a week later than the American Wonder, bearing large, well-filled pods, containing about seven peas each. Plant grows from fifteen to twenty inches in height. Of excellent quality and very productive; branching habit. Price, per quart, postpaid, 40 cts.; per package, 10 cts.

THE MARBLEHEAD EARLY MARROWFAT.

We will venture to say that every one of our customers who have raised this Marrowfat pea had a heavier crop from it than from any other variety they grew, it matters not how many kinds there were; and, further, that they got more pickings from it than from any other. This was our own experience. Having raised it on a large scale, we are ready to indorse the following points.

1. "With ordinary cultivation it will outyield any variety.
2. It will do better than any variety on thin land.
3. It remains a long time in bearing.
4. Its large well-filled pods make it very valuable as a market gardener's pea.
5. The quality is first-class; so all who have eaten it testify. Picked early, they are as sweet and delicious as Little Gem or American Wonder.
6. It is an extra strong grower.
7. It will stand drought better than any other variety."

The well-known editor of the *Rural New-Yorker* makes this statement: "Pods large, often containing eight peas. Vines immensely strong; remains in bearing a long time. Comes in after the earliest. First picking July 1; a fine kind."

Pea growers will please note that while our old-fashioned Marrowfat has been among our latest peas, this new variety, in addition to its other excellent traits, follows close after the earliest sorts. Price, per peck, per express or freight, \$1.50; per qt., postpaid, 40c.; per package, 10c.

IMPROVED STRATAGEM.

(Novelty of 1896.)

By most market gardeners the Stratagem is considered the best of all the large podded peas, but there has always been the much regretted defect that quite a large proportion of the crop would sport into a small-podded variety. By a careful selection of seed stock through a series of years this defect has been well nigh overcome. The improved variety that we catalogue this season will be found to be nearly free of the vexing small sort, and to yield an ideal crop of pods of immense size well filled with dark green peas. Price, per peck, per express, \$2.00; per quart, postpaid, 55 cents; per package, 10 cents.

DUKE OF YORK.

(Novelty of 1896.)

A new English pea. It may be described in brief as an improved Telephone, or an earlier and more dwarf form of that famous pea. These two points will be sufficient to recommend it to the attention of those who have been growing that well-known and most popular sort. Price, per quart, postpaid, 75 cents; per package, 10 cents.

HANCOCK.

Many of our fellow-seedsmen send out an extra early pea bearing their own name. Though, as has been shown at some of our experimental stations, there is no marked difference between the various kinds in earliness, yield, or any essential characteristic of a first-class early pea, still, there is a good argument for this, for all very early peas tend to deteriorate, and those seedsmen sending out one bearing their own name are, therefore, compelled to look closely after it, to keep it true, by which the public are decidedly the gainers. Were we to "follow suit," we should select the Hancock as our extra early.

Messrs. Northrop, Braslan & Goodwin, the seedsmen, write us as follows: "We had in our trial grounds nearly forty samples of extra early varieties of peas, as supplied by the leading seed houses of America and Europe. Among these the Hancock was noticeable as to earliness, size of pod, and productiveness."

Price, per peck, per express, \$1.25; per quart, postpaid, 40 cents; per package, 10 cents.



SOME CHOICE PEAS—Continued.

THE HEROINE.

This is one of the large podded, large pea class, with the great advantage over most of them in the fact that its type is fixed and it has not the sporting proclivities of some well-known sorts that would otherwise be very desirable. It is medium early, green, wrinkled, growing about 2½ feet high. *The pods are of large size, well filled, long and pointed, containing from six to nine large peas.* Quality the very best. Mr. Charles E. Pecker, one of our best market gardeners writes: "I find the type of the Heroine pea to be thoroughly fixed. It is a fine pea for the most critical market gardener." Price, per quart, postpaid, 45 cents; per package, 10 cents.

THE SUNOL.

From a careful test made with 86 varieties and strains I find the Sunol leads them all in earliness, which is what Mr. J. H. Allan, its introducer, claimed for it. Price, per peck, per express, \$1.50; per quart, postpaid, 40 cents; per package, 10 cents.

DWARF CHAMPION.

First-class as a variety to follow the Advancer; very healthy and vigorous. This is another favorite with the market gardeners of Long Island, where it is sown August 1, as a second crop, being less liable to mildew than other sorts. Pods and peas large, quality very sweet and rich. Price, per quart, postpaid, 40 cents; per package, 10 cents.

BERGEN FLEETWING.

We have raised this new extra early variety on a large scale and are exceedingly pleased with it. The head picker says: "The Fleetwing yielded better than any of



THE HEROINE.

the early hard peas, including the Alaska and First of all." We have raised these at the rate of 225 bushels to the acre. It is deservedly a favorite with the market gardeners of Long Island. Pods and peas of good size; vines two and a half feet.

Price, per bushel, per express, \$4.50; per peck, express, \$1.25; quart, postpaid, 40 cents; per package, 10 cents.

NEW EARLY PRIZE.

A cross between Tom Thumb and the Advancer. Grows eighteen inches high, being slightly taller than Premium Gem, and while equally early, it is decidedly a better cropper. Pod large, heavy, and well filled; also equal to the wrinkled varieties in sweetness and flavor; it can be planted earlier than these without danger of rotting. Its combination of earliness, dwarf growth, yield, and quality, with the large size and good filling of the pod, insures its future.

Writes Mr. O. H. Alexander, the well-known pea grower of Vermont: "Having tested Early Prize by the side of eighty varieties from all parts of the country, I consider it in all respects one of the best."

Price, per bushel, per express or freight, \$4.50; per peck, \$1.50; per quart, per express, 25 cents; per quart, postpaid, 40 cents; per package, 10 cents.

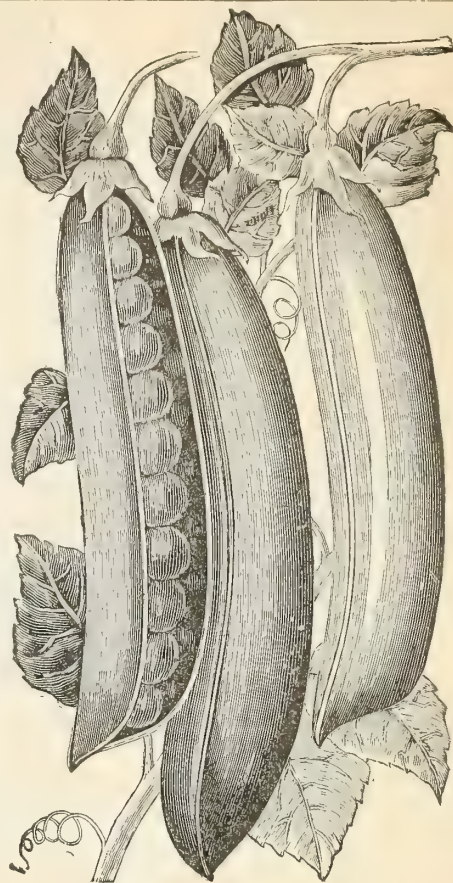
JUNO.

We are exceedingly well pleased with this new pea. The pods are remarkably large, long, straight, thick through, and well filled. The color of the peas is that very dark green which is so desirable. Seven or more great peas in a pod. The vines are short jointed, large leaved and stalky, and from eighteen to twenty-four inches in height. It crops heavily; quality delicious. It is an excellent cropper and every way desirable. Medium early. A first-class pea to follow the early sorts. *We consider the Juno the best pea of its class yet introduced.* Price, per peck, per express, \$1.75; per quart, postpaid, 45 cents; per package, 10 cents.

NEW LIFE
PEA.

(Novelty of 1896.)

The object sought by the originator of the New Life was to find a new variety which should possess all the good characteristics of the Stratagem without its defect of bearing more or less of small pods. In this we think he more than succeeded, for *there are no small pods and, in addition, they are dark green in color, making the new pea a decided acquisition.* It comes in just after Heroine and is a capital sort to follow that fine variety. Price, per peck, per express, \$2.00; per quart, postpaid, 55 cts.; per package, 10 cts.



STATION PEA. (A Wrinkled Variety.)

Decidedly the earliest of all the wrinkled peas.

Just as early as all the earliest of the hard peas, such as Alaska, Dan O'Rourke, Morning Star, Philadelphia Extra Early, and the entire list of them, no matter what name they bear, as we have proved on our experimental grounds by a trial of three seasons.

Prof. Goessman, of the Massachusetts Experimental Station, writes: "The seed of the three varieties of peas were sown May 4; June 25 there were a large number of the pods of No. 1 (Station Pea) ready for picking; June 29 pods were ready for picking on No. 2 (American wonder), while No. 3 (Little Gem) was a little later; No. 1 (Station) gave the best yield." Prof. Munson, of the Maine Agricultural College, writes: "No 1 (Station) reached edible maturity June 30, about three days earlier than No. 2 (American Wonder), and five days earlier than No. 3 (Little Gem). It comes on at the same time as Dan O'Rourke, Alaska and Morning Star. No. 1 (Station) was much more vigorous than 2 or 3, and was more productive than 3, though the pods averaged somewhat smaller." Price, per peck, per express, \$2.00; per quart, postpaid, 55 cents; per package, 10 cents.

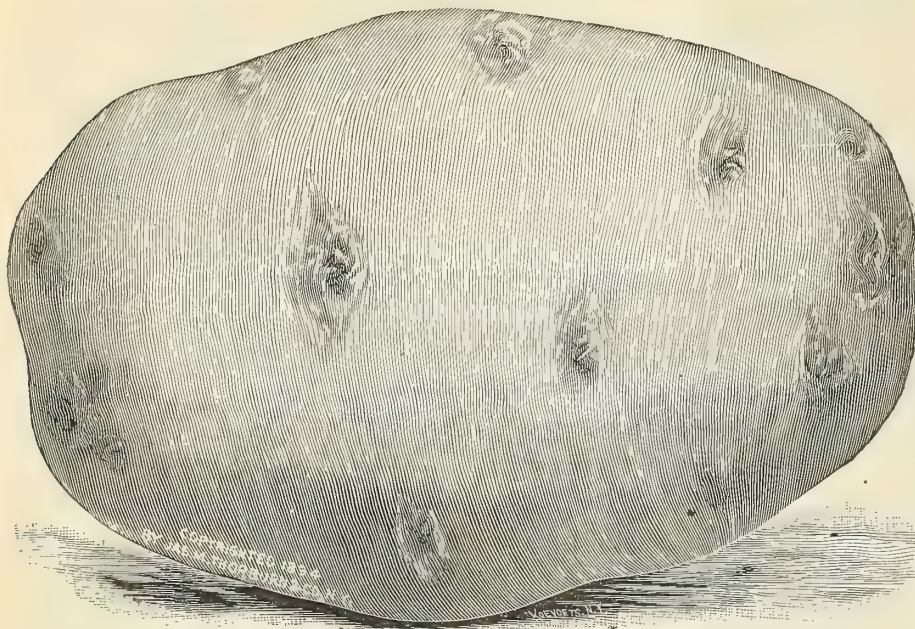
AMERICAN WONDER.

This American pea is now so well known it hardly needs to be described. It is of fine flavor, productive, and as early as the earliest of the very dwarf wrinkled varieties. Fifteen pods have been counted on some vines, and nine large peas in some of the pods. The vine grows from six to twelve inches high, according to the soil and season. The rows need not be more than two feet apart. Price, per bushel, \$5.25; per quart, postpaid, 45 cents; per package, 10 cents.

J. P. Treescott, Salida, Cal., writes:—"I have always been pleased with your seeds."

POTATOES.

Joe Lyman, Randolph, Vt., writes:—"We are perfectly satisfied with your seeds."



THE NEW POTATO, CARMAN No. 3.

(Novelty of 1896.)

The Carman No. 3, with the exception that the tubers are a little more elongated, is in its origin and appearance like the Carman No. 1, a seedling from seedlings raised through several generations. Its average form is shown in our illustration. The eyes are very shallow and but few in number. It is of the shape-liest form, and even in droughty seasons its perfect shape is retained. It is a great yielder of large potatoes. It may fairly be claimed that it does not yield any small tubers at all in ordinary seasons. It bears its tubers very close to the plant, a single turn of the fork turning out every potato. It is of the largest size, the tubers usually averaging in weight a pound each. It is a perfect keeper. Both skin and flesh are of extreme whiteness. At digging time our workmen preferred this to any of the numerous white varieties on the

grounds. The foliage is of a dark green color, and the vines are strong and vigorous. The tubers set while the vines are quite small, but do not ripen until late. This gives all the advantages of continuous growth for the entire season, making it very valuable for the main field crop.

Our claims for the Carman No. 3 are: 1st. It is one of the handsomest large potatoes ever produced. 2d. It will outyield most varieties. 3d. Practically every potato is of marketable size. 4th. Its table qualities are fully up to the highest standard; it has no hollow hearts and no dark parts. We are confident that it will soon be the most popular variety for field culture, on account of its enormous productiveness and great beauty.

AMERICAN WONDER POTATO.

(Novelty of 1896.)

This is an introduction by Mr. Ford, who writes of it as follows: "A late variety, long, irregular, somewhat pointed at the ends; oval or nearly round, skin white, with a slight pink tint in the eyes, which are quite numerous; large and in large tubers considerably sunken. This we call one of the very best market potatoes. The vines are very stout. Does not blight, tops keep green until the crop is ripe, and outyields most other kinds in dry seasons."

ROCHESTER ROSE POTATO.

(Novelty of 1896.)

This seedling has given great satisfaction on our grounds. It resembles the old Early Rose, but averages not so long in shape, being thicker through and very plump. It is a great cropper and ranks well up among the early kinds. It is fast taking its place among the standard sorts.

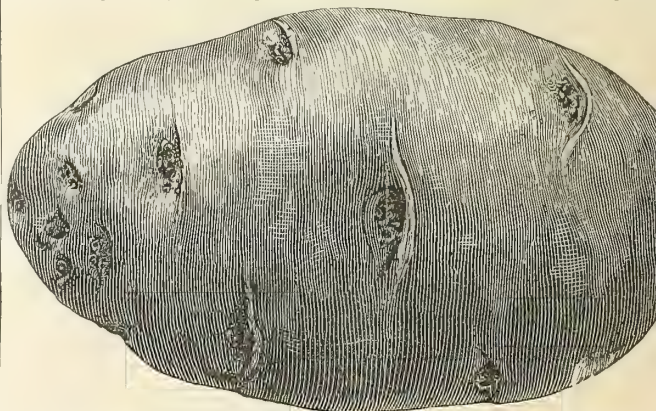
THE NEW POTATO, CARMAN No. 1.

This has the peculiarity of being a seedling from seedlings raised through several generations. In its form, size and general appearance it closely resembles Carman No. 3. It is intermediate between early and late in ripening. It has but few eyes, and these shallow. The flesh is white as flour, and the quality perfect, being not only dry, but of excellent flavor. It is a hearty, vigorous grower, the vines being remarkably stout and stalky. A great cropper, the tubers are extra large, with hardly one among them below market size. We have raised the Carman No. 1 on our grounds the past season, and are exceedingly pleased with it. We heartily recommend it to all our customers; it cannot fail to give satisfaction.

Marshall Bros., Lancaster, N. H., write: "From one bushel of Carman No. 1 potatoes, bought of you, we grew 75 bushels of handsome potatoes. They are first-class in every way."

EARLY NORTHER POTATO.

A seedling raised from a seed-ball of the Early Rose. In shape, color and season of ripening it very closely resembles the Early Rose, but in yield is more prolific. It is likely to



become as popular as the New Queen. Market gardeners, writing to the originator (from whom we obtained our seed stock), speak very highly of it.

N. G. Kilborn, Douglas County, Minn., writes: "This has been a very poor season for potatoes, but, nevertheless, from the one barrel Early Northern, bought from you last spring, I harvested one hundred and forty-seven bushels."

WOODBURY WHITE.

The Woodbury White originated in Maine. This is, as its name would indicate, a white-skinned and also a white-fleshed sort, half oblong in shape. It has but few eyes, and they shallow ones. Medium early, mealy and well flavored; size

H. W. Smith, White Pine, Pa., writes:—"We have always had the best results from your seeds."

POTATOES.—Continued.

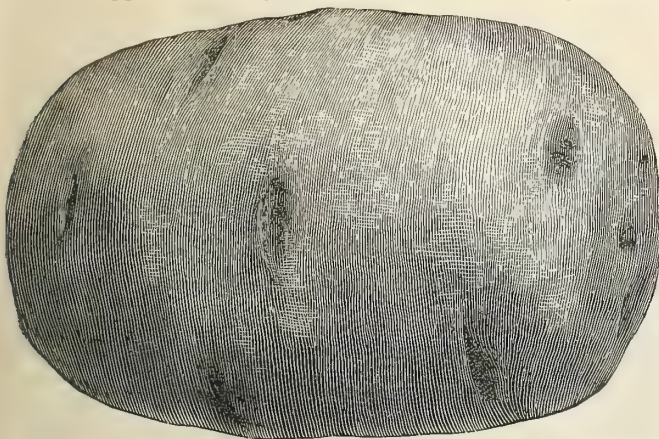
William Shields, Clarrington, Pa., writes:—"Your seeds have always been as represented."

large, with exceptionally few small ones. A great cropper. It was those two characteristics—the average large size of the potatoes and the greatness of the crop—that drew our attention to it in a field of over fifty varieties. Mr. Woodbury writes that with him it yielded three hundred and fifty bushels to the acre, and gave the best satisfaction of any when tested beside fifty varieties.

THE DELAWARE.

A VALUABLE POTATO.

We were surprised at the Annual Fair of the New England Agricultural Society to find no more plates of this splendid variety on exhibition. It is seldom we find such a combination of size, yield and quality in any potato. A professor in one of our agricultural colleges recently told us that he dug a carpet bag full from a single hill, and a day or two after a farmer stopped me to say that it was the finest eating potato



that he knew of. The average form is shown in the engraving. It is medium early; in size it is large, being above the average, the skin and flesh are white; in yield it is a remarkable cropper; while in quality it is first-rate, being dry and mealy. It is one of the few varieties that do well on all kinds of soil.

Rev. Joseph Granville, Fremont, N. H., writes: "From one pound of Delaware potatoes planted I harvested eighty-two pounds."

Heman R. Patterson, Henniker, N. H., writes: "I grew Delaware potatoes from your house weighing two pounds. They are very dry and mealy."

C. L. Hommedier, Islip, N. Y., writes: "Your Delaware potatoes look like snow-balls on the table. They keep splendidly."

J. R. Jester, Brown's Canon, Colo., writes: "From three pounds of your Delaware potatoes I got four hundred and seventy-five pounds of very large and smooth potatoes."

Writes F. M. Hexamer, of the *American Agriculturist*, who tested them in the spring: "I have found them very fine grained, and of a pure, delicate flavor rarely found in old potatoes."

EARLY OHIO.

In color it is like its parent, the Early Rose; in shape it is round-oblong. Quality, dry and mealy. It is a week earlier than Early Rose. It requires a rich, moist soil, like the prairie lands of the West, to develop its cropping qualities; therefore don't plant on dry upland. Having been the original introducers and namers of this famous potato, we are pleased to note that it is the standard early sort throughout the prairie regions of the West.

EARLY HARVEST.

Says the originator, Mr. Jerrard: "I consider this one of the most promising new kinds I have ever introduced. It is wonderfully early—earlier than any other potato I have grown, which unprecedented feature, coupled with large yield, superb quality, and fine appearance, makes it a most valuable sort for first early marketing or for home use. The tubers average very large size, are nearly white, with eyes only slightly indented; shape, oval flattened, sometimes long oval; quality, best."

NEW QUEEN.

This has become exceedingly popular. It is very early, a capital cropper, yielding fine, large tubers, so handsome that half of them without culling would be good enough to exhibit at any agricultural fair. Under high cultivation there are almost no small ones. In quality it is most excellent, the flesh being a pure white and of that sparkling, mealy texture that we all like so well in a potato when brought on the table. In shape and color it closely resembles its parent, the Beauty of Hebron.

Matthew Donaldson, Sault Ste. Marie, Mich., writes: "From one peck of your New Queen potatoes I raised eleven bushels."—Writes Dr. J. K. Shirk, of Lancaster Co., Pa.: "The potato is a beauty as it comes out of the earth; so many very large ones."—Writes Mr. C. G. Britton, of Cheshire Co., N. H.: "They are of the finest quality, and very early."—Writes P. F. Putzen, Air Line, June, O.: "From one barrel of New Queens planted we raised 125 bushels."—Writes L. E. Tuttle, of Maine: "They gave me a wonderful crop of the smoothest, handsomest potatoes I ever raised."—R. Bickerdike, Balsam Lake, Wis., writes: "Very early and of fine quality is your New Queen."

To put the whole matter in a single sentence, the *New Queen* is a very early potato, a good cropper of large tubers that are remarkably and exceptionally handsome and of a quality that is unsurpassed. Like the *Rose*, this has come to stay.

POLARIS.

This new Vermont seedling we can highly recommend for earliness and quality. It is rather oblong in shape with surface a little flattened, having few eyes, and those on the surface. Grain fine and flavor excellent. Though white-skinned, it is a chance sport from the Early Rose, not a seedling from it.

Wellington Pierce, New Richmond, Wis., writes: "The Polaris potato I had from you proves to be very early, a great cropper, very smooth, large size, without a sign of rot, and of excellent quality."

Writes Mr. A. H. Smith, of Waterbury: "The Polaris I planted by the side of State of Maine, Pearl of Savoy and Beauty of Hebron. The Polaris was the earliest, yielded the best, and surpassed all in quality."

EARLY SIX WEEKS.

The Six Weeks is very evidently a seedling from the Ohio, which it very closely resembles in every way, but is earlier, makes rather taller stalks, and appears to yield better on upland than that fine variety. It is well described as growing medium to large size; oblong to round in shape; skin light pink; flesh white; shape, smooth; eyes near the surface; tubers grow close together in the hill. The potatoes grow so rapidly that, under favorable circumstances, they are as large as hens' eggs, and therefore fit for family use, in six weeks from time of planting, and mature in between ten and eleven weeks. We find it a fair yielder, and though not so extraordinarily productive as some claim, still a good cropper for so early a sort. It revels in moist land.

Robert B. Lalltoute, New York City, writes:—"Planted April 6th, we dug in 64 days some of your Six Weeks Potatoes of the size of hens' eggs."

Ettore Tassanari, head gardener at the Danvers, Mass., Insane Asylum, writes: "To-day (June 29) we had the officers of the Essex County Agricultural Society at dinner with us, and on the table was a plate of Early Six Weeks potatoes, of good eating size, of this season's growth. The visitors were all loud in their praise."

"I think they are the earliest potato in cultivation to-day. When the vines were about six inches high I examined them, and found potatoes as large as partridge eggs, and in six weeks from planting were as large as hens' eggs. Will mature in 72 days. The yield was 380 bushels per acre."

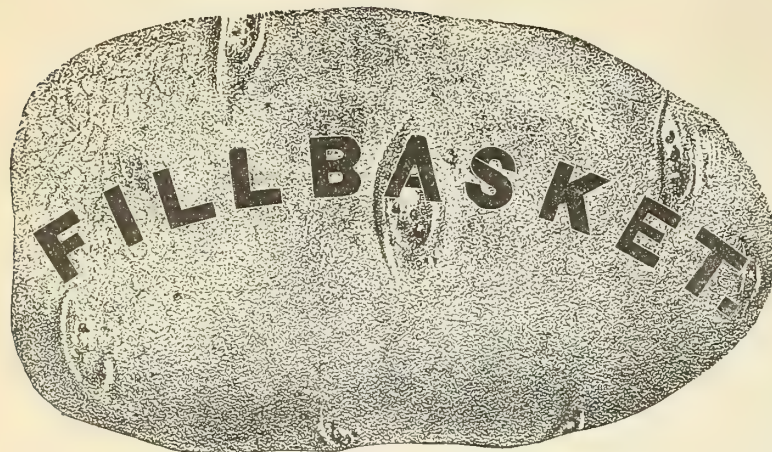
J. E. SHANKS, Athens Co., Ohio.

"You have got the best early and the earliest potato in existence. We had the Early Six Weeks Market Potato large enough for the table in six weeks from planting. They out-yielded all other varieties."

AUGUST BROEKER (Gardener), Allegan Co., Mich.

"\$10 per bushel would not buy my Early Six Weeks Market Potatoes if I could not replace them for less. They are the earliest of all, and a heavy yielder. I predict they will be universally grown by market gardeners for early, and those gardeners who get them first will reap handsome profits."

JACOB E. STILSON, Onondaga Co., N. Y.

POTATOES—Continued.**EARLY FORTUNE. (New.)**

We find this new sort on our own grounds to be remarkably early and a great cropper.

CLARK'S NO. 1.

Earlier than the Early Rose, and will yield a heavier crop. It bears a close resemblance to Early Rose in appearance. It cooks mealy, is of excellent flavor, and is every way a capital variety for either the farmer or market gardener; Four hundred and fifty bushels have been raised on an acre. Those who try the Clark are dropping the Early Rose. *Very popular with farmers.*

HOWE'S PREMIUM.

The vines of this potato die down earlier than any potato we are acquainted with that will grow tubers of market size. On land heavily manured we raised in 1890 four hundred and thirty bushels to a measured acre, with but very few small ones, and hardly a rotten one on the entire piece. Our customers will find it remarkably free from rot. Among the score of varieties we raised this one rots the least of all. Mr. Whitney, of South Bridgton, Me., gives the right character to the Howe's Premium in his letter to us wherein he states that "there were hardly any too small for the table, and no sign of rot." The skin is nearly flesh-color; the eye a rich pink; shape nearly round; flesh white; quality good for early but not good to be used as a late potato. In size and shape nearly the entire crop, under good cultivation, is marketable. Vines are short and stout, with broad, thick leaves.

PRICE LIST OF POTATOES. (Per Express or Freight at Purchaser's Expense for Charges.)

☞ We would advise our customers at the South to order potatoes in the fall, as there is more or less danger of their being injured by frost if forwarded between Dec. 1 and March 20. While, therefore, we will guarantee, in filling such orders, to use our best judgment, all potatoes ordered to be forwarded between those dates must be at the risk of the purchaser. ☞

IF ORDERED PER EXPRESS CUSTOMERS CAN DEDUCT 8 CENTS PER POUND FROM MAIL PRICES NAMED BELOW.

POTATOES.	Bbl. exp.	Bush. exp.	Peck exp.	3 lbs. mail.	1 lb. mail.	POTATOES.	Bbl. Exp.	Bush. exp.	Peck exp.	3 lbs. mail.	1 lb. mail.
Early Roberts (new), see page 6	\$6.00	3.00	1.00	.90	.30	Early Norther	3.00	1.50	.60	.60	.25
Early Fortune (new)	5.00	2.50	.75	.75	.30	Clark's No. 1	3.00	1.50	.60	.60	.25
Great Divide (new)	3.50	1.75	.65	.65	.25	Queen	3.00	1.50	.60	.60	.25
Carman No. 3	4.00	2.00	.65	.75	.30	Delaware	3.00	1.50	.60	.60	.25
American Wonder	3.00	1.50	.60	.60	.25	Fillbasket	3.00	1.50	.60	.60	.25
Rochester Rose	3.00	1.50	.60	.60	.25	Woodbury White	3.00	1.50	.60	.60	.25
Carman No. 1	3.50	1.50	.60	.60	.25	Beauty of Hebron	2.75	1.40	.55	.55	.20
Six Weeks	3.00	1.50	.60	.60	.25	Early Rose	2.75	1.40	.55	.55	.20
Polaris	3.00	1.50	.60	.60	.25	Prolific Rose	3.00	1.50	.60	.60	.25
Early Ohio	3.00	1.50	.60	.60	.25	Early Harvest	3.00	1.50	.60	.60	.25
Howe's Premium	3.00	1.50	.60	.60	.25						

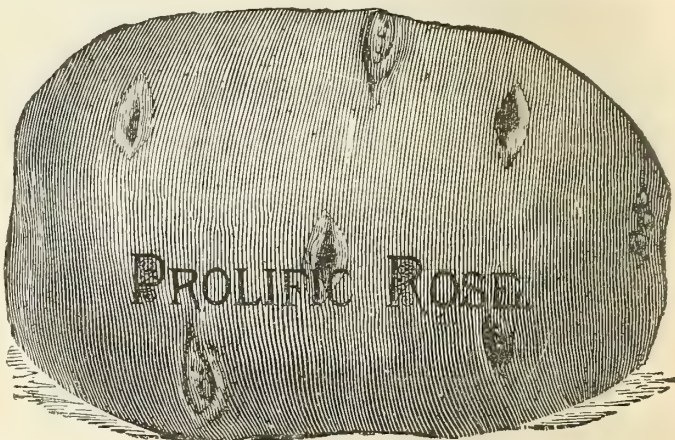
Potato Seeds saved from the seed-balls of a nice white potato, price, per package, 25 cents.

FILLBASKET.

This new potato takes the front rank in productiveness, vigor of growth, and eating qualities, yielding the lead to other varieties in earliness only. Yet it is earlier than its appearance would indicate, the tubers being of excellent quality—dry, fine-grained, and mealy—while the tops are still rank and green. Oblong in form, somewhat flattened, white-skinned, usually fair and smooth, it is admirably adapted for an "all-round" main-crop potato, either for home use or market.

GREAT DIVIDE.

Stalk very stout and healthy looking; tubers average extra large with very few below market size. They have a very white skin, eyes in the surface. They are floury when cooked and are good flavored. I have found it to be a splendid cropper, well worthy of the high rank given it by our Agricultural College. A recent introduction.

**PROLIFIC ROSE.**

Here is a new seedling potato we want every one of our customers to plant. It is not a selection from the Early Rose, as the unfortunate name would indicate, but a *new seedling*, which decidedly surpasses as a cropper. The vines are stockier than its parent, and the tubers slightly redder on the seed end. It is apparently the best cropper of all the Rose seedlings. Those who plant it will not only be pleased with their fine crop, but with the large size and good shape of the potatoes.

Mrs. C. Stickney, Fabius, N.Y., writes:—
"Five Warted Hubbard Squash from your
seeds averaged 26 lbs. each"

SOME PUMPKINS.

E. T. Smith, Hebron, Conn., writes:—
"I prefer your garden seeds to others."

SUGAR.



This is the pumpkin for the traditional Yankee pumpkin pie. All others (the Gibson excepted) are coarse and barbarous when compared with this; and to bring them, when prepared in any way, to the table is to rob the stock and wrong the family. Not so with this gem of the pumpkin tribe; while if fed to the cows it increases and greatly enriches the quality of the milk, imparting to it a rich yellow, it is also excellent as a good table delicacy, either simply boiled or when entering

into the composition of the traditional pumpkin pie. It is about as fine-grained as the average squash, grows to average five pounds, and yields enormously, the ground covered with the golden fruit being a sight not soon forgotten when once seen. There is quite a call for the Sugar Pumpkin in our city markets, where they bring from half to two-thirds as much as the best of squashes. Price, per pound, postpaid, 60 cents; per ¼ pound, 18 cents; per ounce, 10 cents; per package, 5 cents.

MICHIGAN MAMMOTH.

This crops abundantly for so large a variety, and grows as large round as a barrel, weighing, with us, from twenty to forty-five pounds. We have raised as high as twelve tons to the acre. We sometimes plant it among early dwarf peas, by omitting every fourth row, having the hills ten or twelve feet apart. In this way we get two crops from our land, being careful to manure liberally. It is a soft-shelled variety, and, therefore, excellent for feeding to stock. To get the largest size leave but one vine to each hill. Price, per pound, postpaid, 60 cents; per ¼ pound, 18 cents; per ounce, 10 cents; per package, 5 cents.

J. S. Gregory, Pepper Grove, Tex., writes:—"Your seeds have proved good, true to name and satisfactory."

PEPPERS.

Norris Bros., Boston, Mass., writes:—
"Potter's Excelsior Corn holds good very long after picking."

RUBY KING.

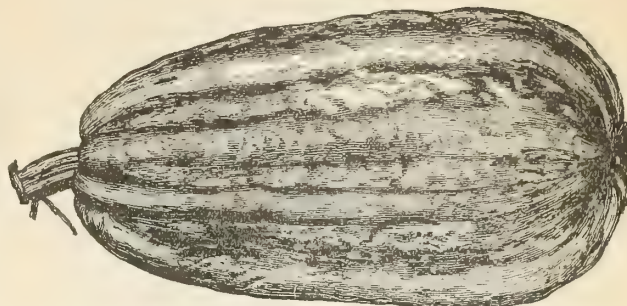


PEPPER RUBY KING.

These peppers ordinarily grow four and a half to six inches long by three and a half to four inches broad. When ripe they are of a beautiful bright ruby-red color, and are always remarkably mild and pleasant to the taste. They can be eaten sliced like cucumbers. Very handsome and very productive. They need to be started in a hot-bed. Price, per oz., 25 cents; per pkg., 5 cents.

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GIBSON'S MAMMOTH.



This valuable new pumpkin did not receive half the praise it deserved in our last catalogue for its superior quality. As a rule in squashes and pumpkins, size and quality don't go together. As they increase in size they grow poorer in quality; but the Gibson is a remarkable exception to this rule, for it combines fineness and superior quality with its mammoth proportions. Mr. F. Courtis, our neighbor, who is famous as a squash raiser, tells us that it makes just as good pies as a marrow squash. Price, per pound, postpaid, 70 cents; per ¼ pound, 23 cents; per ounce, 10 cents; per package, 5 cents.

MAMMOTH RED ETAMPES.

This Mammoth, which has been raised to weigh over one hundred and fifty pounds, has a brilliant, showy, red skin. The flesh is very thick, and in quality is about equal to any of the Mammoth class of pumpkins, whose real value is for stock feed. The purest stock to be obtained is not perfectly pure. Price, per pound, postpaid, \$1.00; per ounce, 10 cents; per package, 5 cents.

True economy consists as much in wisely spending a dollar as it does in carefully saving it.

NEW CARDINAL.

This new pepper grows to a length of about six inches, very thick and sweet-fleshed and is one of the most beautiful and brilliant vegetables grown. It would be worthy of cultivation for its beauty alone, there being no flower which can be grown in the North which surpasses it in depth, purity and brilliancy of color, appearing as though varnished in a bright cardinal. It will also be found a most useful variety, as it can be used for all purposes to which peppers are put. Price, per ounce, 25 cents; per package, 5 cents.



Felix Doyle, Rockport, Mass., writes:—"We have always found your seeds reliable."

RADISHES.

John G. Gordon, Suncook, N. H., writes:—"The seeds bought of you last spring were all right."

NE PLUS ULTRA. (Deep Scarlet Strain.)



This is pronounced to be the earliest of all radishes for forcing, being fit for the table in three weeks. Flesh tender and delicate; produces but few small leaves. Price, per pound, postpaid, 90 cts; per $\frac{1}{4}$ lb., 28c.; per oz., 15c.; per package, 5c.

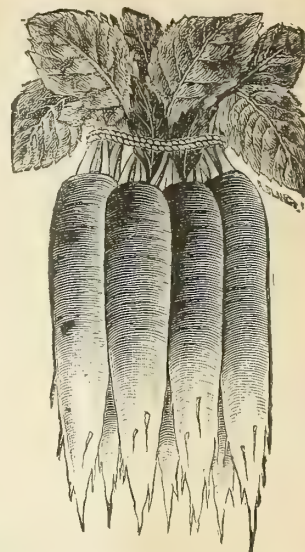
GIANT WHITE STUTTGART.

This new variety of radish is very early and quick of growth. Flesh and skin pure white. It will stand the severe heat of the South, and grows to an immense size. Price, per pound, postpaid, 60 cents; per ounce, 10 cents; per package, 5 cents.

George W. Sherman, Middleboro, Mass., writes:—"Everything from your house has given perfect satisfaction."

BECKERT'S CHARTIER.

This radish has rapidly grown into high favor for spring and summer use. It is very handsome, about one-third of its length being of a rose color. We find them in our experimental grounds to be as early as Covent Garden, and having the general characteristics of a good early radish. It is of a quick growth, good size, very tender, of excellent quality, while it remains in condition for eating longer than most sorts. It is very popular among market gardeners. Price, per pound, postpaid, 70 cents; per $\frac{1}{4}$ pound, 20 cents; per ounce, 10 cents; per package, 5 cents.

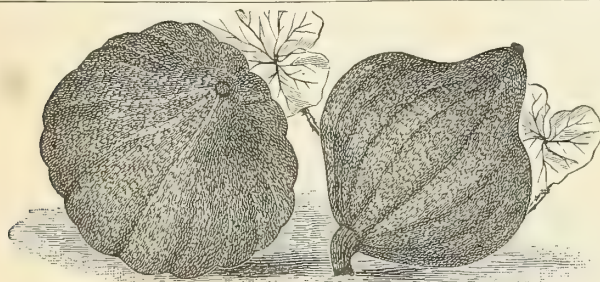


Jas. G. Woodward, Torrington, Conn.: "My cabbage from your seeds are acknowledged to be the best in our market."

Charles Wood, Brattleboro, Vt., writes: "With beets from your seeds I have been having all the trade in town."

D. H. Baird, Holstein, Mich., writes:—"I have always found your seeds as recommended."

SQUASHES.



COPYRIGHT, 1893, BY M.B. FAXON CO.

THE FAXON SQUASH.

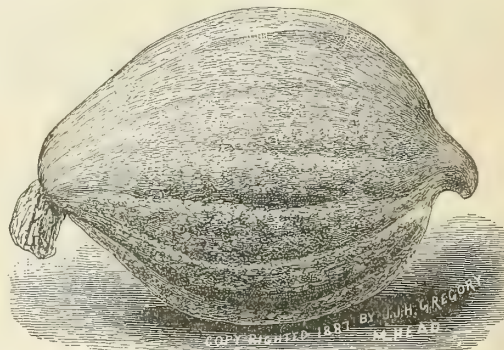
Well, our friends, what do you think of the quality of the new Faxon squash or squashes we might say, for it is a curious admixture of all sizes, shapes and colors? We risk but little in saying that you are as enthusiastic over its superb quality as are we ourselves; for where among squashes can you find anything finer grained, drier or sweeter than the average of these? The strong and fixed characteristics of this squash are earliness, long keeping, shape, variety of colors, and the excelling in richness, sweetness and flavor. It is very productive, rather below the average size (five or six pounds), and is, no doubt, destined to become a standard among squashes, both for home use and for general marketing when once introduced. Even when not fully ripe it is of excellent quality as a summer squash. It is a good keeper, and has the exceptional recommendation of being a table delicacy during three seasons,—summer, fall and winter. Mr. Joseph Stone, a squash expert, states that for sweetness and dryness the Faxon squash cannot be excelled if equalled, and says, "I know what I am talking about." We think he does. Price, per pound, postpaid, \$1.00; per $\frac{1}{4}$ pound, 28 cts.; per ounce, 15 cts.; per package, 5 cts.

LOW'S BAY STATE.

This variety, with heavy manuring, is a very good yielder, though in size it averages a little below the Essex Hybrid. Popular in Boston market. The color is dark green; it has a thick shell, and is thick meated. Price, per pound, postpaid, 60 cents; per ounce, 10 cents; per package, 5 cents.

THE WHITE CHESTNUT.

Good specimens are as fine-grained and as dry as a boiled chestnut, of as good quality for the table in every respect as the Hubbard, while it has a distinct individuality of its own. We have named it the "White Chestnut,"—white, because the color is nearer to white than any other of the hard-shell



squashes; chestnut, because the color of the flesh, and also the quality of it, is very suggestive of a chestnut. The White Chestnut is a hard-shelled squash, of just about the size of the Hubbard as it was when we first introduced it; and it is just about such a cropper as was the original Hubbard. Price, per pound, postpaid, 75 cents; per $\frac{1}{4}$ pound, 23 cts.; per ounce, 10 cents; per package, 5 cents.

MAMMOTH CHILI.

The Mammoth squashes, though of but little value for table use, on rich land, in those sections where roots are but little cultivated, are very profitable as food for cattle. If you wish to grow a "big" squash to exhibit at your annual fair try this. Price, per ounce, 12c.; per package, 5c.

F. W. Arnold, Hammond, Minn., writes: "I have raised Mammoth Chili squashes from your seeds weighing one hundred and fifty-six and one hundred and twenty-six pounds."

Of the Mammoth Squash, Mr. James B. Pickering, of New Hampshire, raised one which weighed one hundred and ninety-two pounds. Price, per pound, postpaid, 90 cents; per ounce, 12 cents; per package, 5 cents.

SQUASHES—Continued.

COCOANUT.



A fine little squash for family use; very prolific, yielding from six to a dozen to the vine. The color is an admixture of cream and orange, while the bottom, over a circle of two or three inches in diameter, is of a rich grass-green. It is so beautiful that it is often used as a parlor ornament. The flesh is fine-grained, sweet, and very solid, and the quality excellent. *The Cocoanut will give you a crop when all the standard sorts fail.* Price, per pound, postpaid, 80 cents; per $\frac{1}{4}$ pound, 23 cents; per ounce, 10 cents; per package, 5 cents.

MARBLEHEAD.

As a rule the Marblehead (it does not always make a shell,) is characterized by a shell of a more flinty hardness than the Hubbard. It is usually thicker and flatter at the top. The flesh is of rather a lighter color than the Hubbard, while its combination (in good specimens) of sweetness, dryness, and delicious flavor is something really remarkable. Its outer color is a light blue. Price, per pound, postpaid, 70 cents; per ounce, 10 cents; per package, 5 cents.

ESSEX HYBRID.

This is a cross between the Turban and the Hubbard, having the shape of the former and the shell of the latter. It is a very handsome-looking squash, and the flesh is of rather darker average color than that of either the Hubbard or Turban. It comes generally uniform in shape, and is a heavy cropper. The type now appears to be fixed sufficiently to give nearly all the crop a hard shell, which protects it from injury. Price, per pound, postpaid, 60 cents; per ounce, 10 cents; per package, 5 cents.

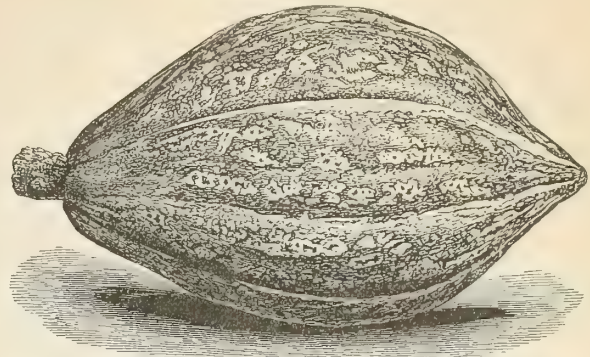
THE WARREN.



only is the shell generally harder and thicker than the Essex Hybrid, but the color is richer and deeper, and the quality decidedly better. The Warren is now grown very extensively by marketmen. They command a better price than the Essex Hybrid, and are very popular in the market. Price, per pound, postpaid, 75 cents; per $\frac{1}{4}$ pound, 23 cents; per ounce, 12 cents; per package, 5 cents.

A few years ago a vine appeared in a field of Essex Hybrid squashes raised by a neighbor, bearing three squashes, which were distinct from the rest, in that they had rough, warty, and thicker shells, and were of a rich color. The seeds from the three squashes were planted by themselves, with the object of permanently fixing the new type. Not

THE BUTMAN.



This squash of which we were the original introducers, was made by crossing the Yokohama with the Hubbard. Externally it is of a bright grass-green color, intermixed with white. In size and productiveness it resembles the Hubbard; it has a thick shell, and is thickmeated. The flesh is of a lemon color. It is exceptionally fine-grained, and remarkably dry, sweet, and delicious with a flavor different from the Hubbard, Marblehead, or Turban. It is a little later than the Hubbard and does not crop so well. In season from late fall until spring. *In the essay which received the premium of the Massachusetts Horticultural Society, the Butman for quality is put at the head of all varieties of winter squashes.* Price, per pound, postpaid, 75 cents; per $\frac{1}{4}$ pound, 23 cents; per ounce, 12 cents; per package, 5 cents.

MAMMOTH WHITE BUSH SCALLOP SQUASH.

(Novelty of 1896.)

This valuable novelty is about twice the size of the ordinary White Bush Scallop, is very much whiter and handsomer and so much better in every respect, that no one should waste time growing the old sort. It is without question the best Bush Scallop Squash. Price, per pound, postpaid, 75 cts.; per $\frac{1}{4}$ pound, 23 cents; per ounce, 10 cents; per package, 5 cents.

SIBLEY, OR PIKE'S PEAK.

Form, as in the engraving; color, pale green; skin, when ripe, thick; flesh, thick, and of a rich orange; average weight, six pounds. Raising these by the acre, we find the Pike's Peak, under good manuring, is a better cropper than the Hubbard in the number of squashes, but not equal to it in weight of the crop. A little later than the Hubbard. Quality magnificent, dry, fine-grained, sweet, and of a most delicious flavor. Good for late fall and winter use.

By all means plant at least a few hills of this new squash. Feed it well; get it in early. Plant plenty of seed, as they are more difficult to vegetate than those of any other squash, and you will have a surprise in store. Price, per pound, postpaid, 60c.; per $\frac{1}{4}$ pound, 18c.; per ounce, 10c.; per package, 5c.

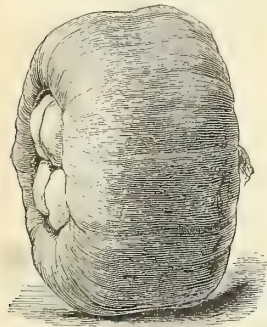
PIKE'S PEAK Squash



SQUASHES. — *Continued.***WINTER CROOKNECK SQUASH.**


the kitchen as did our fathers of old. Price, per pound, postpaid, 75 cts.; $\frac{1}{4}$ pound, 23 cents; ounce, 10 cts; pkg., 5 cts.

Of all vegetables to preserve from season to season, please commend us (as we kindly commend you) to the Winter Crookneck Squash. It is a sure grower, with a quality of its own, not fine, but with a flavor of old time, and a first-rate keeper. It is perfectly at home in the homestead, for we have kept them *well* for two years, and so we invite our customers to join with us in reviving a custom which is truly honored in the observance, that of growing some Winter Crooknecks, and hanging them up in

THE AMERICAN TURBAN.

This squash is as good for fall as the Hubbard is for winter; in proof of which please see extracts in former catalogues from letters received.

Price, per pound, postpaid, 60 cents; per ounce, 10 cents; per package, 5 cents.

 Vegetable seeds enough for a family garden for \$1.00. See page 51.

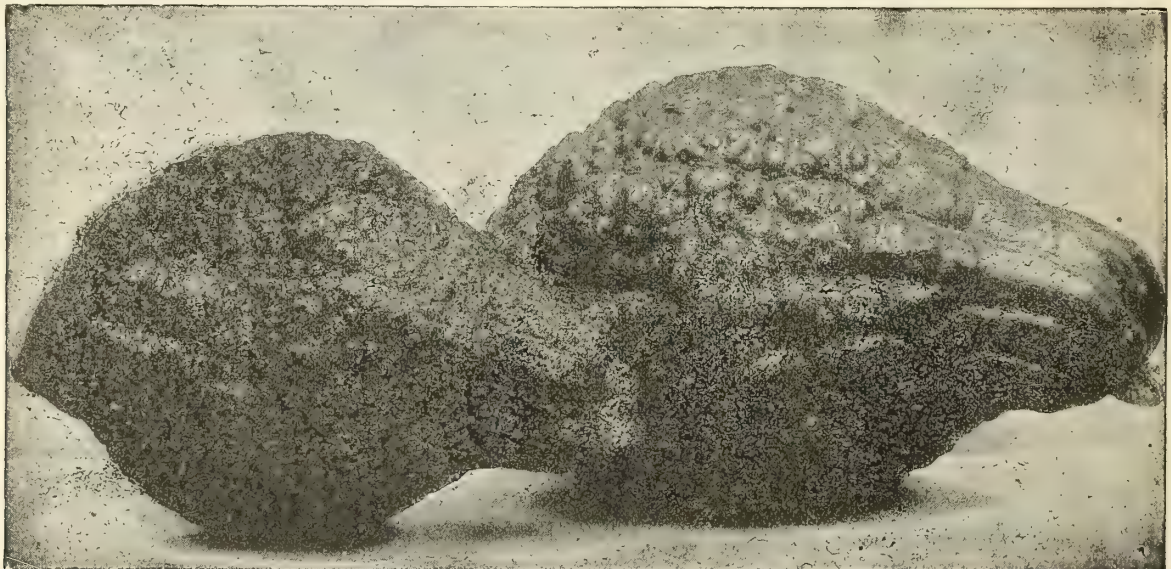
THE STRICKLER SUMMER.

This new variety of Summer Crookneck we find grows twice as large as the common sort, averaging from 5 to 6 pounds in weight. It will

be likely, eventually, to drive the common sort out of the market. The two engravings show the comparative size of the Strickler and the common Summer Crookneck. We noted in our crop a sporting back toward the common variety, which shows that the type is not yet quite fully fixed; but the sports were so few they were of minor consequence. Price, per pound, postpaid, 75 cts; per ounce, 10 cents; per package, 5 cents.

**DUNLAP'S EARLY PROLIFIC MARROW.**

The standard early of the running varieties. No variety can compete with it for earliness, it being about twelve days ahead of the Boston Marrow, and for this reason can be planted a week later than any other kind. It grows to weigh from seven to twenty pounds and is very productive. Its color is most attractive, a brilliant orange-red. Quality excellent when mature. A good keeper. Mr. E. L. Coy, who grows hundreds of acres of squash, pronounces it "the earliest and finest fall variety." Price, per pound, postpaid, 60c.; per oz. 10c.; per package, 5c.

**WARTED HUBBARD SQUASH.** (Novelty of 1896.)

This form of the Hubbard is a great favorite with many marketmen, as it is very striking in appearance and having been selected for years from exceptionally large specimens it crops heavily. The warty knobs draw general attention, and it will generally sell in the market better than those having smooth shells. We do not think it is of better quality than the smooth-shelled sort, and the greater hardness of the shell is more apparent than real. The large size to which it has been developed has been accomplished, we think, with some sacrifice in purity, for we find that in the course of years it is necessary to cross the warty variety on the smooth Hubbard to retain the shell. Price, per pound, postpaid, 75 cts.; per $\frac{1}{4}$ pound, 23 cents; per ounce, 10 cents; per package, 5 cents.

Walter Pratt, Brockton, Mass., writes: "I have always had perfect satisfaction from your seeds."

TOMATOES.

J. B. Noyes, Oshkosh, Wis., writes: "Your seeds are so good that we have no desire to change."

LIVINGSTON'S BEAUTY.



This, claims Mr. Livingston, is as early as the Acme or Perfection, of a very glowing crimson in color, with a slight tinge of purple. It retains its size later in the season than Acme and other good sorts. It has yielded one-third more than Acme. In shape it is perfectly spherical. It has a thick skin, and hence is not so liable as some other varieties to crack just after a rain. It has more solid flesh and fewer seeds than average kinds, and is less inclined to rot. Price, per ounce, 20 cents; per package, 5 cents.

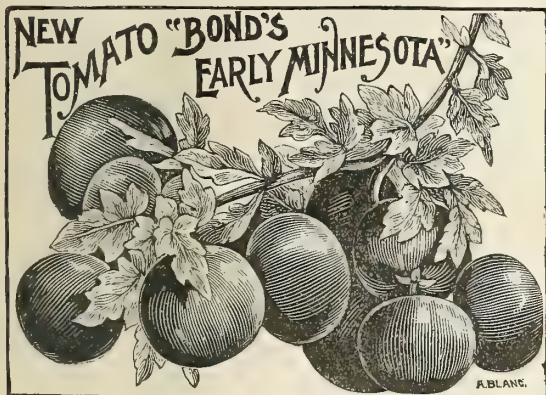
THE NEW STONE.

The New Stone Tomato is excellent for main crop; it is very large, and of bright scarlet color; very smooth, with occasionally a specimen very slightly octagon-shaped; ripens evenly to the stem without a crack; exceedingly solid and firm-fleshed, as its name indicates.

Above All, Not Subject to Rot.—Prof. J. L. Budd, of Iowa State Agricultural College, says: "It was large enough, smooth, firm-fleshed, and, above all, not subject to rot. I did not see a rotten specimen, although a bad year for rot."

Quality Very Superior.—Prof. E. S. Goff, of Wisconsin Agricultural Experiment Station, says: "In quality it is very superior, being unusually solid. The plants were productive and the fruit was entirely smooth."

Price, per ounce, 25 cents; per package, 5 cents.



BOND'S EARLY MINNESOTA.

Mr. Brinton, the tomato specialist, who tested one hundred and ten varieties of tomatoes the past season, states that this was the first to ripen. On our grounds it is not as early as "Earliest of All," or Canada Victor. The fact that, while most of the extra early varieties are irregular in shape, this is always round and smooth is another recommendation for it. It is of a dark red color, round as a ball, firm of flesh, and very productive; size medium. Our customers will find it a choice variety to open the market with before the larger sorts have ripened. Price, per ounce, 25 cents; per package, 5 cents.

MAULE'S NEW IMPERIAL.

We must confess to great disappointment in this tomato, for on our own grounds it proves to be by no means as early as claimed by its originator. If he had claimed less for it in the matter of earliness, but had emphasized more its general excellence, we should have agreed with him, for though not remarkable for the extreme earliness he claimed for it, yet for



size, color, form and other qualities that go to make up a first-class all-round tomato, it is a variety of exceptionally high merit. Price, per $\frac{1}{4}$ pound, postpaid, 58 cents; per ounce, 20 cents; per package, 5 cents.

FORDHOOK TOMATO.

A fine variety of the round type Livingston has made so familiar to us. It grows larger than several of the round kinds, and is a remarkably heavy cropper, and the fruit is very even sized. It has a rich purple-red color, very attractive. Early, but not on our grounds equal in this respect to Earliest of All and some other varieties. On the whole, an excellent all-round tomato for either family use or the market. Price, per ounce, 20 cents; per package, 5 cents.

TOMATO, THORBURN NEW YORK.

A late introduction. It is hexagon-shaped, in size it averages a little larger than the Acme, in color it is deep red. The flesh is very solid, and of mild, agreeable flavor. It is *early* in ripening, a very vigorous grower and a great yielder. It is excellently adapted for canning purposes, and its extremely long-keeping qualities and thick, smooth skin make it a most valuable shipping variety. Price, per oz., 30cts.; per pkg., 10 cts.

NEW BUCKEYE STATE.

Mr. Livingston, so famed for the many excellent tomatoes he has from time to time introduced, says of the Buckeye: "It is the largest-fruited variety we have ever put out. In addition to its extra large size, it is also smooth and uniform, and, though so large, is the heaviest cropper we have ever grown. It yields immense clusters of from four to ten purple fruits. In solidity and meatiness it is unexcelled, while in luscious quality none surpass it." Price, per ounce, 20 cents; per package, 5 cents.

DWARF CHAMPION.

This variety grows stiff and upright, with very thick and short-jointed stems. It can be planted as close as three feet. The foliage is a very dark green in color, thick and corrugated, *differing in form from that of other sorts*. The Dwarf Champion will bear very heavy manuring, the strength increasing the abundance and size of fruit, instead of producing superabundant vines. To crop heavily, it should be liberally manured. It has become very popular. Some of our prominent market gardeners plant no other kind. Price, per pound, postpaid, \$2.50; per ounce, 25 cents; per package, 5 cents.

TOMATOES—Continued.

THE "COMRADE." (New.)

We have raised the "Comrade" on a large scale, and are exceedingly well pleased with it. It ripens among the earliest, and is exceedingly productive. The fruits are models in shape and size, round, solid, and brilliant colored. All in all, we don't know of a better sort. Per oz., 25 cts., per pkg., 5 cts.

J. G. Pike, Cabot, Vt., writes: "The seeds purchased of you have always been satisfactory."

RED CROSS.

This new tomato, in form, is of the Livingston class in size, shape and beauty, but is earlier. It is even in size throughout the season, perfectly solid, a brilliant crimson in color, ripens close up to the stem, and bears harvesting better than most varieties. Price, per ounce, 20 cents; per package, 5 cents.

W. Newton Long, Sutton, W. Va., writes: "I was highly pleased with the results from your seeds."

TURNIPS.

WHITE EGG.



Six hundred bushels of this fine turnip have been raised to the acre as a second crop, bringing the market gardener who raised them two hundred dollars.

It is perfectly smooth, of a pure, clear white, growing half out of ground, and at times to the size of a Rutabaga, being a very choice kind for table use, of excellent flavor, sweet and mild. It pulls clean from the ground, and, with its thin, snow-white skin, looks almost as attractive as would a basket of huge eggs. It is a first-rate keeper for winter use. Our stock is from headquarters. Comes to size for use just after Early Red Top. Price, per lb., postpaid, 50 cts.; per oz., 10 cts.; per pkg., 5 cts.

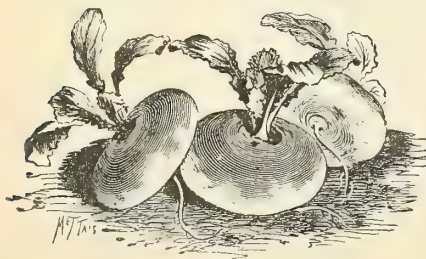
BUDLONG.

An American Ruta-baga, earlier and rounder than any other of the Sweet German, Improved white French, Rock, or Russian turnips, all of which names are given, in different localities, to the white Ruta-baga, or various strains of it. Mr. Budlong, probably the most extensive raiser of Ruta-bagas in New England, has, by years of careful selection, produced this excellent strain. Price, per pound, postpaid, 75 cents; per $\frac{1}{4}$ pound 23 cents; per ounce, 10 cents; per package, 5 cents.

IMPROVED PURPLE TOP SWEDE.

A very early, free-growing variety, with short neck and small top; flesh, deep yellow. "The handsomest Purple Top Swede in cultivation," says the English firm who introduces it. Price, per lb., postpaid, 50c.; per oz., 10c.; per pkg., 5c.

PURPLE TOP MILAN.



This variety of turnip is sent out by the same reliable firm that sent out the Munich. It is earlier than the Munich. It is of the strap-leaved class, flat in shape, and of excellent quality. Price, per lb., postpaid, 90c.; per oz., 15 cts.; per pkg., 5c.



CARTER'S ELEPHANT SWEDE.

Our English brothers leave us decidedly in the shade in the raising of turnips, especially of the Swede class, and if any improvement is made in varieties, it is usually by them. The Messrs. Carter, a standard authority in varieties, present to the public a new turnip which they have named Elephant Swede. It has been tested in England, Scotland, and Ireland, and side by side with the standard varieties, including, of course, Skirving's. It has proved to be superior to all of them, in some instances giving as much as ten tons more per acre. The Messrs. Carter present in their catalogue *seven hundred testimonials* in favor of the great productiveness of this new Ruta-baga. Price, per pound, postpaid, 75 cents; per $\frac{1}{4}$ pound 23 cents; per ounce, 12 cents; per package, 5 cents.

SCARLET KASHMYR.

The beautiful pinkish red color of this new turnip makes it very striking. It is unique among turnips, bearing some resemblance to a large radish. It produces large, smooth, white-fleshed roots of excellent keeping qualities. Among the earliest. Price, per ounce, 12c.; per pkg., 5c.

The largest and best collection of vegetables on exhibition at the Vermont State fair, held at Burlington last September, was grown by Walter Hoy from our seed. He secured 32 first premiums and 3 second premiums.

George W. Ward, Marshalltown, Iowa, writes: "Your White Egg Turnip was as fine in February as when harvested. My customers were highly pleased with them."

Seeds ordered at mail rates will be sent postpaid by us. When seeds are ordered to be sent by either express or freight the cost of transportation will be at the expense of the purchaser.

GRAINS, GRASSES AND FORAGE PLANTS.

RACE-HORSE OATS.

In comparison with nineteen varieties made several years ago this foreign oat proved itself to be a fortnight earlier than the common sorts. It is a very heavy cropper the grains being nearly as plump as well filled barley.

Per bushel of thirty-two pounds, per express or freight at purchaser's expense, \$1.25; per peck, 45 cents; per pound, per mail, 20 cents; per package, 10 cents.

PRINGLE PROGRESS OATS.

This distinct variety of oats was made by Mr. Pringle several years ago, by crossing the Excelsior with the Chinese Hulless. In it we have a combination of good qualities which have given very general satisfaction, — a short, stiff straw, and a long, full head or panicle. The vigor that in most varieties goes to form straw here goes to make grain. being so much shorter, it does not lodge. In one trial of about twenty varieties the Progress matured the first of all. We believe if the farmer prefers grain to straw, the Progress will suit every time. Per bushel, \$1.25; per peck, 45 cents; per pound, postpaid, 20 cents; per packet, 10 cents.

SASKATCHEWAN SPRING WHEAT.

Says Charles A. Pillsbury, of Minneapolis, Minn., (whose mill has a capacity of seventy-five hundred barrels per day); "No such milling wheat has been received at our mill since we have been in the milling business." Per bushel of 60 pounds, per express or freight at purchaser's expense, \$2.00; per peck, 60 cents; 3 pounds, per mail, fifty cents; 1 pound, 20 cents; per package, 10 cents.

CRIMSON OR SCARLET CLOVER.

This new variety of the clover family has suddenly sprung into wonderful popularity, and this for three reasons, viz., because in southern localities it is a more vigorous grower than the common red clover, yielding a larger crop per acre; it is richer both as food for animals and for turning under; it will make a good crop where common clover would fail. It does best planted in August or September. It is certainly hardy as far north as New Jersey. On our Massachusetts seed farms it wintered well but did not prove itself equal in yield to red clover. It may be sowed among corn and various other crops at their last hoeing, and be turned under by middle of May. Probably the best of all crops for soiling. Sow 10 to 15 pounds of seed per acre. It is an annual, and therefore when ripe for hay or seed does not start again. Price, 3 pounds, postpaid, 50 cents; 1 pound, 20 cents. Prices per bushel upon application.

ALFALFA OR LUCERNE.

In this the success turns on using American-grown seed, and planting it in deep, porous soil, and keeping clean of weeds the first season. A topdressing, with fine manure, would help it through the first winter. Price, per pound, postpaid, 25 cents; per package, 10 cents.

JAPAN CLOVER (*Lespedeza Striata*).

This new clover has proved to be wonderfully adapted as a grazing and hay plant for every portion of the South and as far north as latitude 34°. It rapidly takes possession of the region when once planted, covering with its dense verdure soilless hilltops, sandy plains, gravelly slopes, pine thickets, open woods, and all soil either dry or damp. No matter however closely it is grazed, the Japan Clover sprouts vigorously anew. Price, per pound, postpaid, 30 cents; per package, 10 cents.

GOLDEN WONDER MILLET.

This is probably the earliest of all the large millets; it attains a height of 3 1-2 to 4 feet; bearing large, drooping heads; an excellent variety for either fodder or seed. The seed make excellent food for poultry, and they will ripen in high latitudes where corn will not mature. The large, juicy leaves and stalks make excellent green feed for milch cows and other stock. Price per peck of 12 1-2 pounds, per express, \$1.25; per pound, postpaid, 20 cents; per package, 10 cents.

KAFFIR CORN.

This forage crop is allied to Milo Maize or Branching Sorghum, but is earlier than either of them. The stalks keep green and are brittle and juicy, making fodder, green or dry, which is relished by cattle, horses and mules. Its seed heads, eight or ten inches long, are eagerly eaten by horses, hogs and fowls. *It cannot be relied upon to mature its seed in the latitudes of New England.* Price per peck of 15 pounds, by express or freight at purchaser's expense, \$1.25; per pound, postpaid, 20 cents; per package, 10 cents.

MANSHURY BARLEY.

A six-rowed barley with very long heads, well filled and heavy; straw bright and strong. In our experimental grounds the Manshury proved to be the earliest of the five leading varieties which were tested there. The Baxter is the only variety, we have found to be earlier. Price per express or freight at purchaser's expense, per bush., \$1.75; per peck, 60 cts.; per lb., postpaid, 20 cts.; per pkg. 10 cts.

JAPANESE BUCKWHEAT.

The kernels of this buckwheat are larger than the common kind; the straw is stouter and heavier. It branches more, and it does not need to be sown as thickly; the flour made from it is equal to that from any other buckwheat; it is a very heavy cropper, and less apt to blight than other varieties.

From writer in *Rural New-Yorker*: "I consider the Japanese Buckwheat to be far ahead of all other kinds. It is certainly a distinct variety. So far with me it outyields the old Gray or the Silver Hull, two to one. It makes a better growth on poorer soil than any buckwheat I have ever raised."

Price, per bush., \$1.25; per express, per peck, 45 cts.; per lb., by mail 20 cts.; per pkg., 10 cts.

YELLOW DOURA.

This is earlier than the Branching Doura (or Milo Maize), and is not so delicate in starting. The grain which is abundant, is readily eaten by cows, horses, hogs and mules. Like the Branching Doura, it yields an immense mass of green forage, and will bear two or three cuttings. It grows from nine to twelve feet high, bearing the grain on the large tops. Price per lb., postpaid 20 cts., per pkg., 10 cts.

BAXTER'S SIX-ROWED BARLEY.

The grain is very plump, round, solid and heavy, and differs from all other six-rowed in having a much smaller proportion of hull. It ripens a week or ten days earlier than the Manshury. The straw stands up well. Prof. Saunders, director of the Central Experimental Farm, at Ottawa, Canada, states that "in a test made with thirteen of the best six-rowed varieties, it was found to produce the heaviest grain." Per bushel of 48 lbs., per express or freight, \$1.75; per peck, 60 cts.; 3 lbs., postpaid, 50 cts.; 1 lb., 20 cts.; per pkg., 10 cts.

PRICKLEY COMFREY.

In spite of some hasty criticism, careful experiments, continued through several years, have proved this to be very valuable as a fodder plant for cows, horses, sheep and other animals. Propagated by pieces of the root. Plant in rich waste spots and it will drive out weeds and grasses and give valuable fodder. Don't cut till second year. It is perennial, withstands droughts, and is perfectly hardy. When feeding sprinkle the leaves with meal. Price, per doz., postpaid, 30 cts.; per 100, per express \$1.00.

CANADA FIELD PEAS AND OATS FOR FODDER.

These at the rate per acre of one bushel of peas to one and one-half bushels of oats make grand summer and autumn fodder for cows and sheep. The peas should be lightly ploughed in when sown, and the oats broadcasted and brushed in immediately afterward. Price of the peas, per bushel, \$1.75 per express. See prices of Race-Horse and Pringle's Oats on this page.

MILLO MAIZE.

Yields from six to sixteen stalks from one seed; much sweeter than cornstalks. It stands wind and drought that would ruin corn. It will sprout again after cutting. Grows from six to ten feet high. Four pounds of seed plant an acre. Price, per peck of 15 lbs., express or freight at purchaser's expense, \$1.25; per lb., postpaid, 20 cts.; per pkg., 10 cts.

GRAINS, GRASSES AND FORAGE PLANTS—Continued.

THE LINCOLN OAT.



A Western firm who have had a large experience in oat raising pronounce the Lincoln oat "the best oat now before the American people."

"First, because of its great productiveness, four farmers having raised from 120 to 174 bushels from a single bushel of seed.

"Second, because it is very early.

"Third, because it appears nearly rust-proof.

"Fourth, because it stands up better than most kinds.

"Fifth, because its thin hull, soft nib, and heavy meat make it an excellent feeding oat.

"Sixth, it makes an excellent oatmeal."

We have before us recommendations from twenty-one farmers located in fourteen states, each of which substantiates one or all of the above claims. John S. Hyatt, Hoosac, N. Y., writes us:—"From one acre of land planted to your Lincoln Oats I raised 78 bushels of fine oats and a very heavy crop of straw." Price, per bushel, per express or freight, \$1.40; per peck, 55 cts.; 3 lbs., per mail, 50 cts.; 1 lb., 20 cts.; pkg., 10 cts.

THE BEST CORN FOR THE SILO.

Of all the large Southern varieties suitable for the silo, that have been thoroughly tested, we prefer the Leaming. It is very tall and leafy, and the very large ears *will mature in Central New England*. Of the Northern varieties of field corn, we find that Blunt's makes the most fodder; it not only grows a tall stalk, but it has more leaves than other varieties, they growing nearer together on the stalk. Of the sweet varieties, the Marblehead Mammoth and Stowell's we consider the best. The Mexican June variety, just introduced, grows sixteen feet high, the first ear in our experimental grounds starting 10 feet from the ground. It grows leaves most abundantly and cannot, we think, be surpassed as a silo corn where stalks and leaves are most desired. When ears count for much then give us the Leaming before all others. Price, per bushel, of Leaming, \$1.50; Marblehead Mammoth, \$2.75; Stowell's, \$2.25.

SOJA OR SOYA BEAN.

We have grown many varieties of Soja imported directly from Japan and from them have selected four to catalogue.

American Coffee Berry. The Japanese bean, under this name, is being sold in the West at fabulous prices. It does not even belong to the coffee family of plants, still it is a fact, as we find by actual test, that when roasted and *coarsely* ground it tastes so nearly like Brazilian coffee the difference is scarcely perceptible. *It certainly is the best of all substitutes for coffee yet found*, and as there is nothing injurious about it, it being the most nutritious of all vegetable products, and as it can be raised almost anywhere where corn will mature, and yield from twenty to thirty bushels per acre, we believe that the time is not far distant when it will be quite generally raised as a substitute for the cheaper varieties of coffee. The extraordinary richness of the seed makes them an excellent home substitute for cotton or linseed meal for feeding purposes. Cows are very fond of the ground beans, and the meal mixed with corn meal makes valuable food for poultry. Price, per peck, per express, \$1.25; per quart, 30 cents; per quart, postpaid, 45 cents; per package, 10 cents.



Extra Early Dwarf.—This will mature wherever bush beans will. It grows two feet high and bears a chocolate-colored bean. Price, per quart, per express, 30 cts.; per quart, postpaid, 45 cts.; per package, 10 cts.

Medium Early.—This will mature as far north as central New England, grows three feet in height, is an abundant cropper, bearing round, black beans. Price, per peck, per express, \$1.25; per quart, per express, 30 cts.; per quart, postpaid, 45 cts.; per package, 10 cts.

Late or Ensilage.—These varieties cannot be relied on to ripen north of southern New England, but for ensilage purposes they can be successfully raised in middle New England. Plants four feet high; beans varying in color. Price, per bushel, per express or freight, \$3.00; per peck, \$1.00; per quart, 25 cts.; per quart, postpaid, 40 cents; per package, 10 cents.

Both Medium Early and Late are excellent sorts to use for ensilage, layer and layer with corn, for they greatly enrich the ensilage, contributing the rich nitrogenous element in which the corn stalks are markedly deficient. For this purpose the stalks should be cut when the beans are about full sized. They not only help the yield of milk but keep the cows in better flesh, and add decidedly to the richness of the manure pile, making it worth as much again for plant food as that made from corn stalks only.

HONEST SAGE AND MUSTARD.

My wife for years has not been able to find in the market the good old-fashioned sage, with its good green color and strong sage flavor. What she finds is a dirty-colored article, with scarcely any strength to it, and when for this reason an increased quantity is used, it gives a bitter taste to the dressing. We have recently found a young man who is putting up sage in the good old-fashioned way, using the leaves without the coarse stems, and drying and grinding these by a more laborious process; but by it he is enabled to retain the good green color, and, what is more important, *the strong sage flavor*. He is also putting up ground mustard in the same honest way, giving a thoroughly pure article of full strength, whereas that in the market is generally adulterated with Indian meal or horse-radish, with some coloring substance added. He puts up his mustard and sage in tin boxes. The mustard weighs four ounces without the box. We can send these to such of our customers as want a *pure* article, at 12 cents a box for the sage, and 18 cents for the mustard, postpaid by us; or for 10 and 14 cents respectively, when either by express or freight, and 2 cents less per box of each, either way, where a dozen of each is taken. The same trustworthy young man also puts up sage in the leaf for those who so prefer it. Price, per large package, 12 cts., postpaid.

JAPANESE MILLETS.



Prof. Brooks of the Mass. Agricultural College, has recently introduced from Japan three new varieties. All of these greatly surpass the Hungarian Grass or German Millets in size and vigor of stalk and yield of grain. They bear the names *Panicum Italicum*, *Crus Galli* and *Milleacum*. They have enormous cropping qualities, the *Italicum* surpassing field corn, growing side by side, in yield of both grain and straw, the millet yielding 37.2 bushels to the half acre, weighing 47 pounds each, to 30.6 of corn. The fodder of the millet weighed 2,191 pounds, and that of the corn 2,100 pounds. The millet straw chopped, crushed, moistened, and sprinkled with meal was readily eaten by cattle and horses. The seed itself appears to equal in value cornmeal for milk production and is excellent for poultry. For green

fodder, sow, per acre of *Crus Galli*, 12-15 qts; *Milleacum*, 20-25 qts; *Italicum*, 16-18 qts. We have raised it on our farm for both seed and fodder purposes with very satisfactory results. The leaves are larger than those of either "Hungarian" or "German" and the crop very much heavier. It strikes us that either as a grain producer or as a source for abundant green fodder these millets promise to be a great acquisition to the agriculture of the country. Under this seeding they grow from six to seven feet in height.

F. R. Woodward, of Hill, N. H., tells us that his cows left sweet fodder corn, Pearl Millet, and common grass and took *Crus Galli* in preference. He supposes it was because the stalks are so much sweeter, reminding him of sugar cane. They increased their milk when fed on it. Mr. Wm. C. Dunham, of Ridgeland Farm, writes: "My yield of *Crus Galli* was at the rate of 21½ tons per acre; of *Italicum*, 14½ tons. Sown at same time as German Millet the three give a valuable succession of green fodder."

PRICES.

P. *Crus Galli*, per bush. (struck measure), \$3.75; per peck, \$1.25; 3 lbs., per mail, 50c.; 1 lb., 20 cts.; per package, 10c.

P. *Italicum*, per bush. (struck measure), \$5.00; per peck, \$1.50; 3 lbs., per mail, 60c.; 1 lb., 25c.; per package, 10c.

P. *Milleacum*, per bush. (struck measure, \$5.00; per peck, \$1.50; 3 lbs., per mail, 60c.; 1 lb., 25c.; per package, 10c.

SACALINE. (*Polygonum Sachalinense*.)

We have this new forage plant under trial. It has done fairly well the past season having got well rooted and thrown out a body of its vast leaves and succulent stalks. It is a per-

ennial (comes up year after year) and we expect to make notes until it gets fairly established, for the benefit of our customers, as to how it develops as a forage plant on fairly good soil in latitude 43°. The great value of this new forage plant as a food for horses and cattle is endorsed by many high authorities in Europe.

The plant can be propagated both by seed and root cuttings. Seeds should be started in time to get strong little plants in time for setting out as soon as all danger of frost is past, much in the same way as the cabbage or tomato. One transplanting before removal to permanent plantation will ensure stronger plants which will be more certain to grow.

Set the plants four or 5 feet apart each way and keep clean the first year. Some crop can be grown in between the plants the first year, if desired. When transplanted into pasture land it will be well to protect the plants while young. Price, per ounce, \$1.00; per package, 15 cents; Roots, 1 per mail, 15 cents; 3 per mail, 35 cents; 12 per mail, \$1.25.

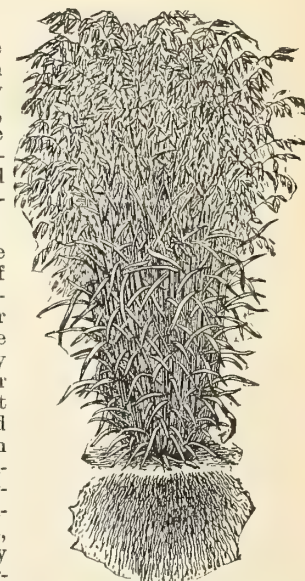
GRAY WINTER OR TURF OATS.

An extended test made of the new oats in the north last season demonstrated that if sown early in August or early September, so as to get a good start before winter sets in, and with reasonable snow protection it will stand in our climate and yield a profitable crop.

Fall Seeding.—They should be sown broadcast, at the rate of about 1½ bushels per acre, in August or early September; or further south can be sown as late as the 20th of October. They make a good growth before winter sets in and furnish excellent grazing during the late fall and early spring and during open spells in the winter, without injury to the grain crop afterwards. Their turving and stooling qualities are remarkable, and even when thinly sown, they will, under anything like favorable conditions, soon spread and cover the ground with thick, heavy growth. The yield of grain is very large; yields of from fifty to seventy bushels per acre can reasonably be expected on good soil; on rich soils and under favorable circumstances they will yield as high as one hundred bushels to the acre (one farmer reported 107 bushels per acre). The grain is a dark gray color, with distinct stripe; it is heavier than the ordinary oats, weighing from thirty-five to forty pounds to the measured bushel.

Spring Seeding.—These oats are also largely used for spring seeding, and if put in before April 1st will make a much larger yield than the spring oats, and in the south they are considered a much surer crop for spring seeding than the Spring Oat; and this fact has caused the Spring Oat to go almost altogether out of use with farmers there.

Price, per bushel, per express or freight, \$1.50; per peck, 60 cents; per 3 lbs., postpaid, 50 cents; 1 lb., postpaid, 20 cents; package, 10 cents.



LONG ISLAND IMPROVED BRUSSELS SPROUTS.

This rich but long-neglected vegetable is becoming more and more popular. We are able to offer to our customers this season seed of a new and superior variety, of American-grown seed which has the great merit of forming heads ready for picking about three weeks earlier than other varieties which are raised from imported stocks. A friend picked this year from a single plant more than two quarts of heads. Price, per ounce, 50 cents; per package, 15 cents.

COMPLETE LIST OF VEGETABLE SEEDS WITH FULL PRICES.

One half bushel at bushel rates; half peck at peck rates; half pound at pound rates; pints at quart rates.
As a rule, the earliest varieties are placed at the head of each list.

ASPARAGUS. (German, *Spargel*; French, *Asperge*.) For roots, see page 51.

Sow the seed in the seed-bed late in the fall or in the early spring, as soon as the ground can be worked, in drills one foot apart, covering the seed about one inch deep. Thin the plants to three inches in the row. The roots may be removed to the permanent bed when one or two years old. In preparing the ground no pains should be spared, as a well-established and carefully cultivated asparagus bed will continue in good condition for twenty-five years or more. Select deep, rich, mellow soil, using a liberal quantity of well-decomposed manure. Set the roots so that the crowns will be four inches below the surface of the ground in rows three feet apart, and nine inches apart in the row. Apply a dressing of manure in autumn, working the same into the ground in the spring, taking care not to injure the roots. The bed will produce shoots fit for cutting the second or third year after transplanting. Stop cutting when peas come to market. One ounce to sixty feet of drill.

	lb. exp.	lb. mail	1/4 lb.	oz.	pkg.
Columbian Mammoth White. (New.) See page 9.....	1 17	1 25	38	15	5
Palmetto. See page 9.....	72	80	23	10	5
Moore's Crossbred. See page 9.....	72	80	23	10	5
Conover's Colossal. The standard variety and it still holds its own.....	42	50	18	10	5

BEANS, Dwarf, Snap, or Bush. (German, *Busch-Bohne*; French, *Haricot*.)

Select light, warm soil, and plant when danger from frost is past in the spring, in drills two and a half to three feet apart, dropping the beans about two inches apart in the drill, and covering one inch deep. Keep the ground clean and loose by frequent hoeing, but do not draw the earth around the plants. Avoid working among the vines when they are wet, as it will tend to make them rust. One quart to a hundred and fifty feet of drill.

	peck. exp.	bush. exp.	qt. exp.	qt. mail	
Improved Round Yellow Six Weeks. Early, good either as string, green, or dry shelled; of fine flavor	1 00	3 50	20	35	10
Early China, or "Red Eye." An old, popular, early variety.....	1 00	3 25	20	35	10
Early Valentine. Pods long, round, and tender; excellent, standard extra early bean in Middle States.	1 00	3 50	20	35	10
Early Mohawk. Very hardy, early, and productive.....	1 00	3 50	20	35	10
Early Yellow Six Weeks. Very early and productive; a standard sort, but soon grows stringy....	1 00	3 50	20	35	10
Refugee, or a Thousand to One. A very prolific bush sort, fine for canning.....	1 00	3 50	20	35	10
Emperor William. A very broad-podded white. Early, fine both for string and shell.....	1 50	....	25	40	10
Rhode Island Early. See page 10.....	1 50	....	25	40	10
Best of All. This has long, fleshy pods of finest flavor; an abundant bearer.....	1 25	....	25	40	10
Dun Cranberry. One of the very best for string; early, also good as a green or dry shell bean.....	1 00	3 50	20	35	10
Dwarf Red Cranberry. The pure old-fashioned sort, such a favorite with our fathers.....	1 00	3 50	20	35	10
Low's Champion. For table, garden or market; round, red, large-podded, stringless and tender....	1 00	3 50	20	35	10
Warren. See page 9.....	1 25	4 00	25	40	10
Henderson's Bush Lima. See page 10. Two weeks earlier than the pole Limas.....	1 60	5 50	25	40	10
Burpee's Bush Lima. See page 9.....	2 00	7 00	45	60	10
Dreer's Bush Lima. See page 10.....	2 00	7 00	45	60	10
Marblehead Early Horticultural. See page 10.....	1 50	4 50	30	45	10
Early Carmine-Podded Dwarf Horticultural. See page 10.....	1 75	6 00	35	50	10
Boston Favorite. Pods mostly rich carmine color; market gardeners' sort. Second early.....	1 25	4 00	25	40	10
Intermediate Horticultural. A half-bush variety, very prolific; a superior sort for market gardeners.	1 50	4 50	25	40	10
Boston Pea. See page 9.....	1 00	3 50	20	35	10
Burlingame Medium. A white field bean; early and very prolific; in size between marrow and pea.	1 00	3 50	20	35	10
Improved Yellow Eye. One of the best varieties for baking. Remarkably vigorous and prolific..	1 00	3 50	20	35	10
Navy, or Pea Bean. A small, round, white variety, very productive; a standard sort for field culture	1 00	3 50	20	35	10
White Marrow. A standard sort for field cultivation, early.....	1 00	3 75	25	40	10
Snowflake. See page 10.....	1 25	4 50	30	45	10
Red Kidney. A standard red field sort; fine for baking.....	1 25	4 00	30	45	10

Waxen Podded Varieties.

THORBURN'S VALENTINE WAX. (New.) See page 5.....	1 50	5 50	30	45	10
Davis Kidney Wax. (New.) See page 10.....	1 50	5 00	30	45	10
Fuller Black Wax. (New.) See page 9.....	1 50	5 00	30	45	10
Keeney's Rustless Golden Wax. (New.) See page 10.....	1 25	4 00	25	40	10
Dwarf Golden Wax, or York Dwarf Wax. More prolific, with larger pods than the common sorts	1 25	4 00	25	40	10
Dwarf Black Wax. Superior for a snap bean. A very fine strain of early dwarf wax, very prolific.	1 25	4 50	25	40	10
Extra Early Refugee Wax. A Refugee with long, round, yellow wax pods; yields immensely....	1 50	5 00	30	45	10
Challenge Dwarf Black Wax. See page 9. A fine extra early.....	1 25	4 00	25	40	10
Cylinder Ivory Pod Wax. See page 9.....	1 25	4 50	30	45	10
Detroit Wax. Early; nearer rust-proof than most wax sorts; pods long and broad.....	1 50	5 00	30	45	10
Wardwell's Kidney Wax. Extra early, very prolific; waxy pods five inches long....	1 25	4 50	25	40	10
Early Golden-Eyed Wax. Probably as little subject to rust as any dwarf variety.....	1 25	4 50	25	40	10
Crystal White Wax. Pods small, but remarkably prolific; much used for canning.....	....	....	30	45	10
Dwarf Speckled Wax. Probably the best late dwarf wax, with long round yellow pods.....	1 25	4 50	25	40	10

BEANS, Pole or Running Varieties. (German, *Stangen-Pohne*; French, *Haricots à Rames*.)

Set the poles three by three or four feet apart, and plant six to eight beans around each pole, thinning to four healthy plants. They require the same soil and treatment as the dwarf varieties, with the exception that they crave stronger soil, and do best in a sheltered location. One quart to 150 poles.

Marblehead Champion. We find that this variety excels every other pole bean in earliness.....	....	....	40	55	10
Marblehead Early Pole Cranberry. The earliest pole cranberry; pods tender; delicious when cooked	....	....	40	55	10
Concord. Considerably earlier than the London Horticultural; good for string or shell.....	....	....	40	55	10
London Horticultural, or Wren's Egg. Productive, pods elegantly striped; excellent string or shell	1 50	5 00	30	45	10
Brockton. Longer podded than London Hort., and of darker and richer color; a fine cropper.....	1 50	5 00	30	45	10
Mammoth Carmine-Podded Horticultural Pole. (New.) See page 10.....	2 00	7 00	35	50	10

S. R. Smith, Keewille, Minn., writes: "Your seeds are at the highest point of excellence."

PRICES OF SEEDS.

BEANS, Pole or Running—*Continued.*

	peck exp.	bush exp.	qt. exp.	qt. mail	pkg.
Kentucky Wonder. The most productive long, green podded. Better for snapping than for shelling	1 75	6 00	30	45	10
Arlington Pole Cranberry. This fine sort is later but larger podded than the Marblehead Pole....			40	55	10
Southern Prolific. A standard at the South, but should be in every Northern garden; very productive			30	45	10
Caseknife. A white pole bean of great richness either as green shelled or when baked.....			30	45	10
Yard Long. Pods grow two and three feet long; a decided novelty.....package only					10
Painted Lady. Either for ornament or use.....package only					10
Scarlet Runner. The largest of all shell beans for eating; fine for ornament.....			30	45	10
Wilkins' Pole Cranberry. See page 11.....			40	55	10
Lazy Wives. A late white pole sort; fine for a succession, coming late. For shelling or baking....			35	50	10
Siebert's Lima. (New.) See page 10.....	2 25	8 00	40	55	10
King of the Garden Lima. See page 11.....	1 75	6 00	35	50	10
Early Lima, Sieva, or Frost. Two weeks earlier than large Lima.....			35	50	10
Large Lima. As a shell bean, surpasses all in quality.....	1 75		35	50	10
Dreer's Improved Lima. Rather later, but more prolific than large Lima; round in shape.....	1 75	6 00	35	50	10

Waxen Podded Pole Varieties.

Mastiff Pole. (New.) See page 11.....			40	55	10
Golden Champion. (New.) See page 11.....			40	55	10
Golden Butter Wax. Very early; very prolific; very handsome; in fact, very first class, a standard	2 00		40	55	10
Flageolet Wax. Handsome long pods having a transparent look; later than Golden Butter.....			30	45	10
Early Golden Cluster Wax. See page 11. In the front rank of wax pole varieties.....			40	55	10
Indian Chief, or Black Algerian Wax. Always in order for stringing; pods yellowish white.....			30	45	10

ENGLISH BEAN, Broad Windsor. Large and excellent. Valuable for ripening unevenly

These thrive best in rich, moist soil and a cool situation. Plant in early spring, two or three weeks earlier than the common beans, in rows two feet apart, and six inches apart in the row, covering two inches deep. Pinch off the tops of the plants when the young pods first appear. When young they are a fair table bean.

BEET. (German, *Rudkel Rube*; French, *Betterave*.) **Table Varieties.**

Select a deep, rich, sandy loam, and manure with well-decomposed compost. Sow in drills fourteen to sixteen inches apart and cover one inch deep. When the young plants appear, thin to four or five inches apart. For early use, sow as soon as ground can be worked in the spring; for autumn use, about the middle of May; and for winter use, about the 20th of June, according to variety,—the long varieties requiring more time to mature than the round, early kinds. When sown late increase the quantity of seed. To preserve during winter, cover with earth to keep from wilting. When cooking boil new beets one hour, and old ones two hours or more. The Mangold Wurtzels are grown for stock, and, as they grow larger, require more room. They should be sown in drills about two feet apart, and be thinned to twelve or fifteen inches in the row. (See our work on Mangold Wurtzels, etc.) One ounce to fifty feet of drill. Five pounds per acre.

	lb. exp.	lb. mail	½ lb.	oz.	
Egyptian. Earlier than Bassano. Tops remarkably small. We heartily recommend the Crosby strain of this variety, to the attention of market gardeners who seek above everything else earliness....	47	55	18	10	5
Crosby's Early Egyptian. See page 11.....	92	1 00	28	10	5
Eclipse. See page 11. About as early as the Egyptian. Now a standard variety.....	52	60	18	10	5
Lentz' Hybrid. See page 11.....	52	60	18	10	5
Faust's New Crimson, or Mitchell's Perfected. See page 11.....	52	60	18	10	5
Detroit Dark Red. (New.) See page 12.....	57	65	20	10	5
Arlington Favorite. (New.) See page 12.....	57	65	20	10	5
Early Bassano. One of the earliest; fine in quality.....	47	55	18	10	5
Bastian's Early Blood Turnip. As early as the Bassano, but of much darker color; small top....	42	50	18	10	5
Early Blood Turnip. A standard sort; good for summer or winter.....	42	50	18	10	5
Edmonds'. See page 11.....	52	60	18	10	5
Dewing's Early Blood Turnip. Very symmetrical, free from fibrous roots. A popular beet.....	42	50	18	10	5
Yellow Turnip. An early sort, of a beautiful golden yellow color, the best for quality.....	42	50	18	10	5
Long Smooth Dark Blood. Excellent for winter use; smooth skinned; flesh dark red.....	42	50	18	10	5

Mangold Wurtzel.

Globe Mangolds succeed better than the long sorts on sandy soil. Do not begin to feed them until midwinter.

Gate-Post. (New.) See page 12.....	37	45	15	10	5
Norbiton Giant. A standard Long Red; very extensively grown.....	32	40	15	10	5
Carter's Orange Globe. The best variety of Yellow Globe....	32	40	15	10	5
Giant Yellow Intermediate. See page 12.....	32	40	15	10	5
Red Tankard. Tankard shaped, with small tap-root; handsome.....	32	40	15	10	5
Golden Tankard. Tankard shaped; flesh deep yellow, with colored rings; good cropper.....	32	40	15	10	5
Improved American Sugar, or Lane's. A long white variety of Mangold Wurtzel, for stock....	32	40	15	10	5
Vilmorin's Improved French White Sugar. The variety cultivated for making sugar.....	37	45	15	10	5
White Silesian Sugar. Raised in France for sugar, also excellent for feeding stock.....	32	40	15	10	5
Red Giant Ovoid. Very large, oval shape; pulls up very free from dirt.....	37	45	15	10	5
Red Globe. Globe shaped as named.....	32	40	15	10	5
Yellow Globe.....	32	40	15	10	5

BERBERRY.....

One of the best shrubs for hedges. Perfectly hardy. Never winter-kills, and grows on any soil; makes a thick, close, impenetrable hedge that will turn cattle, and promises to become the hedge-plant of North America. The berries make excellent preserves. As the seeds of the berberry do best when planted in the berry, we will receive orders and file them to be filled in the fall, as soon as the fruit is matured, when we will send the berries at prices named above, with a page of full directions for making a hedge, and for preserving the fruit.

BRUSSELS SPROUTS. (German, *Kopfkohl*; French, *Chou de Bruxelles*.)

A class of plants allied to the cabbage family, producing great numbers of small heads or sprouts on the main stem of the plant, which are used in the manner of cabbages. Plant in rich soil, in hills two feet apart each way, and thin to one plant to the hill.

Long Island Improved. (New.) Of dwarf habit; very prolific; heads first-class. See page 37....			50	15	
Dalkeith. More dwarf and compact than the old sorts and produces larger sprouts.....			40	10	

S. W. Babcock, North Plain, Conn., writes: "Your seeds have always served me well."

PRICES OF SEEDS.

BRUSSELS SPROUTS.—*Continued.*

	lb. exp.	lb. mail	¼ lb.	oz.	pkg.
Scrymger's Giant Dwarf. In habit, close-headed and compact.....package only					10
Dwarf Improved. The standard variety.....				20	5
BROCCOLI. (German, <i>Spargel Kohl</i> ; French, <i>Chou Brocoli</i> .)					
The Broccoli are closely allied to the Cauliflower family, so nearly so that the Walcheren variety is sometimes classed with Cauliflower. They require similar cultivation and treatment to Cauliflower.					
Large White Early French. A standard French variety.....				30	10
Walcheren White. One of the very best.....			1 25	40	10
Purple Cape. Late, large, compact.....			1 00	30	10

CABBAGE. (German, *Kopfkohl*; French, *Pomme de Chou*.)

All of the principal varieties of cabbage, making over one half of the list below, are of our own growing.

Cabbage will thrive on any good corn land, though the stronger the soil the better they will develop. New land is preferable. Plough deep and manure very liberally. The early sorts bear planting from eighteen inches to two feet apart in the rows, with the rows from two to two and a half feet apart; the large varieties to be from two to four feet apart in the rows, with the rows from two and a half to four feet apart, but the largest varieties can be planted at the least distances named and do well. The crop should receive as many as three hoeings and three cultivatings. Cabbage will not usually follow cabbage or turnips successfully in field culture, unless three or four years have intervened between the crops. For late fall marketing, plant drumhead sorts from June 10 to 20. For minute information, see our treatise on "Cabbages." One ounce to about two thousand plants.

Earliest Varieties.

EARLY SPRING. (New.) See page 6.....			2 98	1 00	15
Express. Vilmorin of Paris places this at the head of the early sorts; larger than Wakefield.....	1 92	2 00	58	20	5
Early Jersey Wakefield. A standard early cabbage in Boston and New York markets. See page 13	2 92	3 00	98	30	5
Henderson's Early Summer. This drumhead cabbage is much larger than the Early Wakefield, though not quite as early. Very popular among market gardeners.....	1 67	1 75	53	20	5
All Seasons. See page 12. Fast becoming an acknowledged standard; early large drumhead variety	1 92	2 00	58	25	5
Very Early Etampes. A very early, fine heart-shaped sort; growing in favor. Resembles Wakefield	1 67	1 75	53	20	5
Little Pixie. A small, tender cabbage, pointed heads. It is earlier than Early York, and heads hard	1 42	1 50	48	20	5
Sugar Loaf. A conical, early variety.....	1 42	1 50	48	15	5
Early Oxheart. One of the best of the early conical sort.....	1 42	1 50	48	15	5
Early York. One of the earliest; an old standard sort.....	1 42	1 50	48	15	5
Early Wyman. The largest of the Wakefield sorts, very popular with market gardeners for early market	1 92	2 00	58	20	5
Early Nonpareil. A choice, very early variety.....	1 42	1 50	48	15	5
Earliest Blood-Red Erfurt. The earliest of all the red varieties. Short stumped; hard heading...	1 92	2 00	58	20	5

Second Early.

THE HOLLANDER. (New.) See page 5.....	2 42	2 50	73	30	5
German Export. (New.) See page 13.....	2 92	3 00	98	30	5
Large French Oxheart. An early cabbage; heart-shaped.....	1 42	1 50	48	15	5
Schlitzler. Shaped like Winnigstadt but grows larger; marbled green; fine for the table.....			60	20	5
Early Winnigstadt. Heads large cone-shaped, solid; one of the best standards for all soils.....	1 62	1 70	53	20	5
Early Red Erfurt. Early, head round, and very solid.....				25	5
Filderkraut. The heads are conical in shape, large size. Can be used as medium early.....	1 42	1 50	48	15	5
Schweinfurt Quintal. The earliest of all large drumheads; heads not hard but very handsome.....	1 42	1 50	48	15	5
"Newark" Early Flat Dutch. Best strain of second early in New York market. Head solid.....	2 17	2 25	68	25	5
Early Bleichfeld Giant. Heads large, solid, and of fine flavor; dark green in color.....	1 92	2 00	58	20	5
Pottler's Early Brunswick. The earliest of the large-heading drumheads. See page 13.....	1 67	1 75	53	20	5
Reynolds. See page 13.....	1 92	2 00	58	25	5
Succession. See page 13.....	2 42	2 50	73	25	5
Warren. See page 12. This grows to good size for selling by the barrel.....	2 92	3 00	98	30	5
Early Deep Head. See page 13.....	1 92	2 00	58	25	5
All Head. (New.) See page 13.....	1 92	2 00	58	20	5

Late Kinds.

Bridgeport. Late Drumhead. The standard shipping cabbage in Chicago; makes a large, round firm head	2 42	2 50	73	25	5
Green Glazed. A standard variety in the South.....	1 67	1 75	53	20	5
New Diamond Winter. See page 13.....	2 92	3 00	98	30	5
Gregory's Hard Heading. See page 13.....	2 42	2 50	73	30	5
Marblehead Mammoth Drumhead. Largest cabbage in the world. Directions on label. See page 13	1 92	2 00	58	25	5
Stone-Mason Drumhead. A standard variety in Boston Market.....	2 17	2 25	68	25	5
Premium Flat Dutch. Excellent for winter; very extensively grown everywhere. See page 12....	1 42	1 50	48	20	5
MAMMOTH ROCK RED. (New.) See page 6.....	2 17	2 25	68	25	5
Red Dutch. The old variety for pickling.....	1 92	2 00	58	20	5
Red Drumhead. Larger than Red Dutch, and more profitable; heads round; very reliable for heading	1 92	2 00	58	20	5

Savoy.

Very Early Paris Savoy. Earlier than Ulm Savoy, which it resembles in shape and color.....				25	5
Midsummer Savoy. This makes a large head for an early Savoy; fine for family use.....				25	5
Early Ulm Savoy. One of the earliest; unsurpassed in quality; capital for family use.....				25	5
Improved American Savoy. Very reliable for heading; very sweet and tender. See page 13.....	1 92	2 00	58	20	5
Drumhead Savoy. A cross between Savoy and Drumhead; very large.....	1 92	2 00	58	20	5

CARROT. (German, *Moehre*; French, *Carotte*.)

Carrots thrive best in rather a light loam. The ground should be well manured with fine, well-rotted, or composted manure, six or eight cords to the acre, and be thoroughly worked quite deep, by two ploughings made at right angles with each other. Also cultivate and drag, if there are any lumps, and then rake level, burying all remaining lumps and stones. Plant in rows fourteen inches apart and thin plants three to five inches in the rows. Plant from the middle of April to the middle of May, to insure crop, though good success is often met with if planted as late as the 10th of June. As the dry spells, which sometimes prevail in June, are apt either to prevent the germination of the seed, or to burn the plants as soon as they appear above ground, it is therefore advisable to increase the quantity of seed which, under the circumstances, will give the crop a better chance. Keep very clean of weeds. One ounce will sow 150 feet of drill. (See our work on "Mangolds and Carrots.")

I. F. Day, Wenham, Mass., writes: "In seeds we have always had value received from you."

PRICES OF SEEDS.

CARROTS. — Continued.

Long Red Coreless. (New.) See page 14.....
Early Very Short Scarlet. The earliest and smallest of all varieties; of special value for forcing.....
Early Scarlet Horn. The early short variety for forcing; excellent for the table; color, very deep orange.....
Short-Horn. The standard early variety; sweeter than Long Orange, and more solid. Good to color butter.....
Chantenay. See page 14.....
Guerande. See page 14. Enormous cropper; can be pulled by hand.....
Danvers. Extra selected gardeners' strain. See page 14.....
Danvers. A good strain.....
Improved Long Orange. We send this out as the most selected strain of Long Orange.....
Improved Short White. See page 14.....
Large White Belgian. Large white; very productive; good for horses; crop can be pulled by hand.....
Yellow Belgian. Grown partly out of ground; capital for late keeping for stock.....
Giant White Wiltshire. A late introduction; large white, first-class for feeding horses.....

lb. exp.	lb. mail	¼ lb.	oz.	pkg.
72	80	23	12	5
72	80	23	10	5
62	70	20	10	5
62	70	20	10	5
72	80	23	12	5
72	80	23	12	5
1 17	1 25	35	15	5
72	80	23	10	5
62	70	20	10	5
72	80	23	12	5
42	50	18	10	5
42	50	18	10	5
42	50	18	10	5

CAULIFLOWER. (German, *Blumenkohl*; French, *Choufleur*.)

Pursue the same course as with Cabbage, manuring rather heavier and hoeing oftener. Cauliflowers covet the cool, moist weather of the fall months to perfect themselves. One ounce for two thousand plants.

Erfurt Dwarf. Very early. The standard French variety for forcing.....
Early Padilla. (New.) See page 14.....
Extra Early Dwarf Erfurt. Specially selected. Very early, hardy, dwarf and compact.....
Early Paris. A standard early variety. A standard around Paris.....
Early Erfurt. A choice German variety.....
Italian Early Giant. Fine, large, white-headed and early.....
Early Dutch. A large and hardy early variety.....
Henderson's Early Snowball. See page 14. Very dwarf; very early and reliable.... ¼ oz. \$1.00.....
Early London Market. The best strain of this standard English sort.....
Thorburn's Gilt Edge. See page 14.....
Long Island Beauty. See page 14.....
Eclipse. The leaves of this variety are said to protect the head especially well..... package only.....
Carter's Defiance. This sort is fine for forcing or very early use..... package only.....
Berlin Dwarf. By test we find that this for earliness, size, and quality about equals the Snowball.....
Lenormand's Short-Stemmed Mammoth. Dwarf, large, and fine; reliable for general cultivation.....
Carter's Dwarf Mammoth. Very early, with heads remarkably large for so dwarf a variety.....
Autumnal Late Giant. Very large headed and productive; late.....
Stadtholder. Fine; large size; late.....
Late Algerian. One of the new, large, late French sorts; very popular with the New York gardeners.....

1 50	15
1 25	15
2 75	25
1 98	60
2 98	1 00
1 98	60
60	10
14 00	4 00
1 25	40
3 50	25
2 00	20
15	
15	
2 98	1 00
1 98	60
2 48	75
1 73	50
1 98	50
2 25	60

CELERY. (German, *Sellerie*; French, *Celeri*.)

Plant seed in hot-bed or very early in open ground. Transplant four inches apart, when three inches high, in rich soil finely pulverized; water and protect until well rooted, then transplant into rows five or six feet apart either on surface or in well-manured trenches—foot in depth, half filled with well-rotted manure. Set the plants from eight to twelve inches apart. To blanch draw earth around the plants from time to time, taking care not to cover the tops of the centre shoots. Sow Boston Market early and manure it heavily to develop its branching habit. Those marked with a * the best for the South. One ounce of seed gives about four thousand plants.

Paris Golden Yellow Large Solid. See page 15 Headquarters stock.....
Boston Market. Headquarters stock. This is the short, bushy, compact, solid Boston variety.....
Dwarf Golden Heart. Half dwarf, silvery white, with golden heart; perfectly solid.....
Crawford's Half Dwarf. See page 15.....
***White Plume.** See description on page 15.....
Giant Pascal. See page 15. Stock from the originator.....
Kalamazoo. See page 15.....
Solid Ivory. The perfection of a dwarf celery; compact in habit; crispy, and of fine flavor.....
***Perfection Heartwell.** Medium green, tall, vigorous grower, makes a large, tender heart.....
***White Solid.** A standard sort. Our strain of this is first-rate.....
Sandringham Dwarf White. Most dwarf of all; very solid; white.....
New Rose Dwarf. Has the good keeping qualities of the red sorts, and is of a fine pink color.....
London Red. Dwarf, solid and crisp; a first-class variety.....
Turnip Rooted. (Celeriac.) The old standard sort. Celeriac is used for flavoring soups.....
Large Smooth Paris Turnip Rooted. This grows better and smoother than any other Celeriac....
Old Celery. For flavoring pickles, etc.....

3 42	3 50	1 10	35	5
2 42	2 50	73	25	5
1 42	1 50	48	15	5
1 42	1 50	48	15	5
1 92	2 00	58	25	5
1 67	1 75	53	20	5
1 42	1 50	48	15	5
58	25	5		
1 42	1 50	48	15	5
1 42	1 50	48	15	5
1 42	1 50	48	15	5
1 42	1 50	48	15	5
1 42	1 50	48	15	5
50	58	18	10	5

CHICORY. (German, *Cichoren Wurzel*; French, *Chicoree*.)

Pursue the same manner of cultivation as for carrot. If to be used as a salad, blanch the leaves by covering, so as to exclude the light. If raised for its root, dig at about the same time as carrots, wash the roots, and then slice them either way, and dry thoroughly by artificial heat.

Large Coffee Rooted. Used as a substitute for coffee.....

82	90	28	10	5
92	1 00	28	15	5

COLLARDS or COLEWORTS

A class of plants closely allied to the Cabbage family, used as greens in the sandy sections of the South. Transplant when four inches high into rows three to four feet apart, according to the richness of the soil, and one and one half feet apart in the row. Thin during the summer to three feet apart in the row.

CORN.

Do not plant before the ground has become warm—nothing is gained by it. Drill cultivation is more profitable than hill cultivation. The smaller varieties may be planted with the drills two and a half feet apart, and the stalks thinned to ten inches apart; the larger sorts should have the drills three to four feet apart, and the stalks a foot apart in the rows, and the largest dent varieties eighteen inches apart. Use some rich manure in the drills. Frequently stir the earth around the roots by hoe or cultivator, but do not draw it up about the stalks. For a succession of corn for family use to be planted at the same time, we would recommend Cory, Lackey's, Crosby's, Potter's Excelsior, Stowell's and Egyptian Sweet. One quart for two hundred hills.

H. W. Smith, White Pine, Pa., writes: "Have always had best results from your garden seeds."

PRICES OF SEEDS.

CORN.—*Continued.***Sweet Varieties for Family Use and Marketing in a Green State.**(German, *Zucker Maize*; French, *Sucre Maize*.)

	peck exp.	bush. exp.	qt. exp.	qt. mail	pkg.
Champion. (New.) See page 16.....	90	3 00	20	32	10
Zigzag. (New.) See page 16.....	90	3 00	20	32	10
Cory. See page 16. Now the acknowledged standard early market sort.....	90	3 00	20	32	10
White Cory. (New.) See page 16.....	90	3 00	20	32	10
First Crop Sugar. This comes just after Cory, with larger ears, and surpasses it in sweetness....	90	3 00	20	32	10
Lackey's New Early Sweet. See page 16.....	90	3 00	20	32	10
Early Minnesota Sweet. One of the second earliest; ears of good market size.....	85	2 75	20	32	10
Shaker Early Sweet. Matures with Minnesota, but has a larger ear; desirable.....	75	2 50	20	32	10
Original Crosby's. Early short stalked, ears near ground, twelve to sixteen rowed, and of rich flavor	1 00	3 50	25	37	10
Crosby's New Early Sweet. First-rate every way, either for market or family use.....	75	2 50	20	32	10
Early Boston Market. Earlier and more dwarf than Crosby's early; has larger ears.....	90	3 00	20	32	10
Moore's Early Concord Sweet. Twelve to sixteen rows, med. early, ears large; good to follow Crosby	75	2 50	20	32	10
Quincy Market. (New.) See page 16. This comes in before Crosby's Early.....	90	3 00	20	32	10
Stabler's Early. Second early, twelve rowed, large eared; very sweet.....	75	2 50	20	32	10
Nonesuch. See page 16.....	75	2 50	20	32	10
Bonanza. See page 16.....	75	2 50	20	32	10
Perry's Hybrid. See page 16.....	75	2 50	20	32	10
Potter's Excelsior or Squantum. See page 16.....	75	2 50	20	32	10
Honey Sweet. Second early; husks red; kernel creamy-white; cob small; productive; sweet...	75	2 50	20	32	10
Mexican Sweet. In sweetness and tenderness, this excels all varieties we are acquainted with....	75	2 50	20	32	10
Quaker, or Ne Plus Ultra. Medium ears, two or three per stalk; deep kernelled; very sweet.....	75	2 75	20	32	10
Country Gentleman. (New.) See page 16.....	95	3 25	20	32	10
Old Colony. In earliness between Moore's and Stowell's; ears large, having a fine, deep grain....	75	2 50	20	32	10
Pee-and-Kay. Second early, large eared, white and sweet.....	75	2 50	20	32	10
Hickox. Large eared, white, tender, and sweet, ripening a week earlier than Stowell's.....	75	2 50	20	32	10
Marblehead Mammoth Sweet. The largest sweet variety grown. See page 16.....	80	2 75	20	32	10
Livingston's Evergreen. See page 16.....	90	3 00	25	37	10
Stowell's Evergreen Sweet. Excellent; keeps green till cold weather; ears large; a standard late	70	2 25	20	32	10
Egyptian Sweet. Latest; ears large. We never ate a large white sort more tender and sweet....	75	2 50	20	32	10
Sweet Fodder Corn. Not as usual, mere trash, but good corn to vegetate.....	60	2 00	20	32	10
Varieties for Field Cultivation and Popping. (German, <i>Welschcorn</i>; French, <i>Maize</i>.)					
Mexican June. (New.) See page 16.....	.....	.....	25	40	10
Adams Early. A favorite in the South The earliest of all the Dent sorts.....	50	1 50	20	35	10
Improved Early Yellow Canada. First-rate where seasons are short. Our stock is Canada grown	60	1 75	20	35	10
Sibley's Pride of the North. Probably the earliest Dent; will ripen in Northern New England....	50	1 50	20	35	10
Butler Dent. (New.) See page 16.....	50	1 50	20	35	10
Longfellow's Field. See page 15. We again offer a fine stock. Home grown.....	60	2 00	20	35	10
Leaming. See page 36.....	50	1 50	20	35	10
CUBAN GIANT ENSILAGE. (New.) See page 5.....	60	2 00	20	35	10
Sanford. A white flint, planted extensively for fodder, the stalks being extra large and numerous...	50	1 50	20	35	10
Blunt's Prolific Field. A fine prolific white flint variety, too late for N. E. but a fine sort for ensilage	50	1 50	20	35	10
Ensilage. The tallest variety of Southern corn, especially suitable for ensilage.....	50	1 50	20	35	10
Nonpareil or Pop. The popular variety for parching; the earliest.....	.....	.....	25	40	10
Silver-Laced Pop. The handsomest of all; will not ripen north of Southern Massachusetts.....	.....	.....	25	40	10
Egyptian Pop or White Rice. Tenderer when popped than the common variety.....	.....	.....	25	40	10

BROOM CORN.

Any good corn land will grow Broom Corn. Plant in rows three feet apart, and thin to eight inches in the row.

Dwarf. Dwarf in habit; grows a finer brush than any other.....	1 00	3 50	25	37	10
Improved Evergreen. Not as tall as Evergreen; brush fine and bright colored.....	1 00	3 50	25	37	10

CRESS. (German, *Kresse*; French, *Cresson*.)

Plant on rich soil, finely pulverized, in drills six or eight inches apart. That grown in the cool of the season is of the best quality. To be used as salad before the flowers appear.

	lb. exp.	lb. mail	1/4 lb.	oz.	
Upland. Has all the characteristics of water cress and can be grown easily in any garden.....	.....	.....	.....	50	10
Curled.	42	50	18	10	5
Water Cress. To be planted along the borders of shallow water-courses. The famous English Cress	.....	.....	.....	40	10

CUCUMBER. (German, *Gruke*; French, *Concombre*.)

The vines require a warm location. Plant after the ground has become warm, in hills three feet apart for the smaller varieties, and five feet for the larger sorts. Manure with ashes, guano, or some well-rotted compost, working the manure just under the surface. Sprinkle vines with plaster or air-slacked lime to protect from bugs. The frame cucumbers can be successfully grown in the open air in this country, by giving them well-sheltered location, plenty of manure, and having hills six by six. One ounce for fifty hills.

EXTRA SELECTED WHITE SPINE. (New.) See page 6.....	1 42	1 50	48	20	10
THE EMERALD. (New.) See page 5..... package only	.....	.....	.....	.....	15
Early Russian. One of the very earliest of all varieties; grows about four inches long.....	52	60	18	10	5
Extra Early Seedling. As early as early Russian, while it grows to a much larger size.....	52	60	18	10	5
Early Frame. Early, short, prolific.....	42	50	18	10	5
Early Cluster. Bears mostly in clusters; early and productive.....	42	50	18	10	5
Peerless White Spine. Larger than improved White Spine; productive, excellent for forcing....	62	70	20	10	5
Improved White Spine or Arlington. Great bearer; excellent for early forcing, or for outdoor	.....	.....	.....	.....	.....
cultivation; standard in Boston. Stock very pure, from one of the best Arlington market gardeners	52	60	18	10	5
Long Sikkim. (New.) See page 17..... package only	.....	.....	.....	.....	10
Bennett's White Spine. (New.) See page 17.....	62	70	20	10	5
Thorburn's Commercial Pickling. (New.) See page 17.....	62	70	20	10	5
Green Prolific. A very prolific pickling variety. Selected by one of the largest growers in the country	52	60	18	10	5
Thorburn's Everbearing. See page 17.....	62	70	20	10	5
Livingston's Evergreen. See page 17.....	62	70	20	10	5
Nichols's Medium Green. See page 17.....	52	60	18	10	5

PRICES OF SEEDS.

Short Green. The old standard short variety.....

Long Green. The old standard long variety.....

Bismarck. A cross between the Long Green and White Spine. Large, straight, tender, and crisp..

Tailby's. For description, see page 17.....

Giant Pera. See page 17. Clear, smooth skin, with but few seeds.....

Improved Long Green Prickly. Long variety, growing 12 to 14 inches; makes a hard, brittle pickle

Parisian Pickling. See page 17.....

Boston Pickling. A medium long variety; the standard for pickling in Boston market.....

Chicago Pickling. A favorite in Chicago; Prolific, but not quite as early as Boston Pickling.....

Norbiton Giant. English prize frame variety; sometimes growing to 30 inches.....package only

Giant German. See page 17. The handsomest frame variety we ever saw.....

West India Gherkin. A very small, elegant sort, for pickles only, prolific to an extraordinary degree

Snake. We have grown these six feet in length coiled up like a snake. A decided novelty ..package only

Eight Varieties Mixed.

lb. exp.	lb. mail	lb.	oz.	pkg.
42	50	18	10	5
62	70	20	10	5
62	70	20	10	5
62	70	20	10	5
72	80	23	10	5
72	80	23	10	5
1 17	1 25	38	15	5
52	60	18	10	5
52	60	18	10	5
.....	.....	.....	40	25
.....	.....	.....	20	10
.....	.....	.....	.....	5
.....	.....	.....	15	10
.....	.....	.....	.....	5

This vegetable has become very popular as an early, healthful green, and the roots also are used, when dried, as a substitute for coffee. Its use in either of these forms is particularly recommended to those who are inclined to any disease of the liver. Sow in May in drills one foot apart, covering the seed a half inch deep. A rich soil is preferable, but this plant will thrive anywhere. One ounce to one hundred feet of drill.

Arlington. (New.) Leaves finer than Improved Thick Leaved; very popular in Boston market. pkg. only

Improved Very Early. A new French strain, highly recommended to market gardeners.

Improved Thick Leaved. Of our own growing; saved from open blossoms. Seven hundred bushels have been grown on three-fourths of an acre.

3 92	4 00	1 23	40	10
.....	.....	.....	60	10
.....		

Plant the seed in March in a hot-bed; or for family use, in flower pots in a warm window. Transplant in open ground after weather has become warm and settled, in rows two feet apart each way. They require a rich soil and as favorable a location for warmth as the garden will afford. One ounce to fifteen hundred plants.

FERRY'S IMPROVED LARGE PURPLE. (New.) See Page 5.....
Very Early Dwarf. A French variety of Long Purple; extra early.....
Black Pekin. A variety of Round Purple. Blackish violet leaves; fruit very large.....
Long Purple. Earlier and more productive, but smaller than Round Purple.....
New York Improved Round Purple. Surpassing all in size of fruit. The standard market sort..

.....	.....	98	35	10
.....	.....	.....	30	10
.....	.....	1 23	40	10
.....	.....	98	30	5
3 42	3 50	98	30	10

For early use sow as soon as the ground can be worked in the spring, in drills fifteen inches apart, and thin plants to six or eight inches in the row. Any common garden soil will do; but a rather moist situation is preferable. To blanch the leaves, gather them carefully together when perfectly dry, and tie with matting or any soft fibrous material. Another method is to invert flower pots over the plants. The leaves are very highly esteemed for use as salads. One ounce for three thousand plants.

[illegible]

London Green Curled. Very popular.
Fine Curled Mossy. Very ornamental. A little more curled than the London
Broad Leaved Batavian. A large summer variety.

1 17	1 25	38	15	5
1 17	1 25	38	15	5
1 17	1 25	38	15	5

Plant the bulbs on exceedingly rich soil, in rows or in ridges 14 inches apart, and six inches apart, in the rows. They are cultivated for their flavor (which is similar to the onion but more powerful), and are used in stews, soups, etc.

24	32	10
----	----	-------	-------	----

The larger varieties require the entire season to mature; the ornamental sorts grow too large if the ground is very rich.

[illegible]

Hen's Egg. For nest eggs; housewives find these handy when darning stockings,.....

.....	25	5
-------	-------	-------	----	---

Hercules Club. Grows four to six feet in length.
Sugar Trough Growing to several gallons' capacity: for holding liquids they will last years

.....	.....	.....	25	5
.....	.....	.....	25	5
.....	.....	.....	25	5

Sugar Hough. Growing to several gallons capacity, for holding liquids they will last years.....
Double Bottle.

.....	.....	.....	25	5
.....	.....	.....	25	5

Dipper. Used as its name indicates.

.....	.....	.....	20	0
.....	.....	.....	25	5

Fancy and Ornamental. Mixed varieties.....

.....	25	5
-------	-------	-------	----	---

Plant the larger sorts in hills two by three feet apart and thin to one plant to the hill. Select deep, rich soil, and cultivate as cabbage. Some of the varieties are very ornamental, and scattered singly are attractive in the flower garden, being finely curled and variegated with green, yellowish white, bright red and purple leaves. The tender leaves are used as cabbage.

Large-Leaved Jersey. Large, curled, light green leaves, with white ribs.....
Carter's Thousand Head. Remarkable for the great amount of green feed per acre. Very hardy..
Siberian or German Greens. Sow in fall for use in spring.....
Green Curled Tall Scotch. One of the best varieties for market.....
Dwarf Green Curled. Very hardy; a standard market sort.....

92	1 00	28	10	5
92	1 00	28	10	5
92	1 00	28	10	5
92	1 00	28	10	5
92	1 00	28	10	5

Prepare ground as for cabbage, then plant about the first of June in rows two feet apart, thinning plants to twelve inches in the row. To preserve over winter treat as turnips. When young their flesh is tender and resembles a fine Rutabaga, with less of the turnip flavor. When fully matured, they are excellent for stock. One ounce

Early White Vienna. A standard early kind.
New Goliath. The largest of all the varieties; deep purple.
Large Purple. Very large, hardy and productive; for stock.

1 92	2 00	58	20	5
1 92	2 00	58	20	5
92	1 00	28	15	5

Select good onion soil manure liberally, and plant in April in drills made six to eight inches deep and eighteen inches apart, and thin to nine inches apart in the drill. Gradually draw the earth around the plants, until the drills are filled level with the surface. Draw for use in October. To be used in soups or boiled as asparagus. One ounce to a thousand plants.

9	10	100	9
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Broad Scotch or Flag. A large and strong plant.....

American Flag. A good variety.....

92	1 00	28	10	5
1 42	1 50	48	20	5

Arch. McEwen, Coleman, Tex., writes: "I need not say that your seeds have always proved as represented."

PRICES OF SEEDS.

LEEK. — *Continued.*

	lb. exp.	lb. mail	¼ lb.	oz.	pkg.
Large Musselbrug. A standard English variety.....	1 17	1 25	38	15	5
Extra Large Carentan. A very fine extra large winter variety.....	1 17	1 25	38	15	5

LETTUCE. (German, *Lattich*; French, *Laitue*.)

Lettuce covets a rich and rather moist soil. The rows should be about twelve inches apart, and the plants thinned from eight to ten inches apart for the heading varieties. When heads are not desired it may be grown in a mass. The more rapid the growth the better the quality. Some varieties are peculiarly adapted for early culture, others for summer growth. One ounce for three thousand plants.

Ward's White Tennis-Ball. For culture under glass; Arlington gardeners' strain, very desirable...	3 92	4 00	1 23	40	10
New Hothouse Forcing. Especially adapted to hot-bed culture; large heading.....	3 92	4 00	1 23	40	10
White Tennis-Ball or Boston Market. The variety so extensively grown by the Boston marketmen during winter. A fine early sort, small heads, very hardy; for winter culture.....	1 17	1 25	38	15	5
Large Boston. (New.) See page 18.....	1 92	2 00	58	20	5
Learned's Black-Seeded Tennis-Ball. For forcing. (New.) See page 18.....				50	10
Black-Seeded Tennis-Ball. Hardy, excellent for early large heads. A favorite in Boston market.	1 17	1 25	38	15	5
Denver Market. (New.) See page 18.....	1 17	1 25	38	15	5
Stone-Head Golden Yellow. Please test this for forcing quality with the very best variety you know	1 17	1 25	38	15	5
Grand Rapids. Beautiful in appearance, strong grower, tender and crisp. Fine for forcing.....	1 17	1 25	38	15	5
Early Curled Silesia. Early, sweet; a popular variety for hot-beds or early outdoor culture.....	1 02	1 10	33	10	5
Early Butter Head. An excellent sort.....	1 02	1 10	33	10	5
Early Curled Simpson. Resembles Silesia, but is more curled and not so early.....	1 02	1 10	33	10	5
Black Seeded Simpson. An improvement on the Simpson, being finer in many respects.....	1 02	1 10	33	10	5
Early Prize Head. An acquisition; runs to seed slowly; very tender and of fine flavor.....	1 02	1 10	33	10	5
Satisfaction or Salamander. One of the best summer cabbage sorts; light green.....	1 02	1 10	33	10	5
Drumhead. Very large; heads crisp and tender. A standard sort.....	1 02	1 10	33	10	5
Hanson. See page 18. Extremely popular.....	1 42	1 50	48	20	5
Sugar Loaf. See engraving and description on page 18.....	1 42	1 50	48	20	5
Green Fringed. Extremely ornamental, the leaf edge being elegantly fringed; unique.....	1 02	1 10	33	10	5
Marblehead Mammoth Cabbage. See page 18.....	1 42	1 50	48	20	5
Deacon. It forms large, very solid lasting heads of an attractive green color; very crisp and tender.	1 17	1 25	38	15	5
Defiance. Light green color, makes large heads, does not seed quickly. Fine for summer.....	1 17	1 25	38	15	5
Buttercup. Bright chrome-yellow; combining delicate flavor with beauty of foliage.....	1 02	1 10	33	10	5
Blonde Block-Head. A fine heading summer variety, of a bright, yellowish green color.....	1 02	1 10	33	10	5
Red Besson. This heads as well as Fottler's cabbage, and is of fine quality; brown and green.....	1 17	1 25	38	15	5
True Boston Curled. The most elegant lettuce of all. Quality good; very popular.....	1 02	1 10	33	10	5
All-the-Year Round. Does not tend to seed; heads hard and crisp.....	1 17	1 25	38	15	5
Oak-Leaved. Leaves oak-shaped; very striking in appearance; tender and sweet.....	1 02	1 10	33	10	5
Brown Genoa Cabbage. Medium, head stained with red. One of the best for summer or winter use	1 02	1 10	33	10	5
Improved Spotted Cabbaging. Fine head; green shaded with brown; quality first rate.....	1 02	1 10	33	10	5
Perpignan. Heads sometimes seven inches in diameter. Fine summer variety. Not inclined to seed	1 02	1 10	33	10	5
Bath Cos. An improvement on the White Paris Cos.....	1 02	1 10	33	10	5
White Paris Cos. The standard Cos variety.....	1 02	1 10	33	10	5
Six Choice Varieties. Mixed in one package.....				15	5

MARTYNIA.

Plant two by two feet apart, leaving only one plant in a place. This produces an abundance of large, showy flowers, the young pods, when sufficiently tender to be easily punctured by the nail, are used for pickles.

MUSKMELON. (German, *Melone*; French, *Melon*.)

Select warm and light soil; a poor, light soil is better than a cold and rich one. Thoroughly work the soil; manure with guano, phosphate, or a rich compost, having the hills six feet apart for the musk varieties, and eight or nine for watermelons. Do not excavate hills, but work the manure just under the surface, as the roots of all vines naturally seek warmth. Pinch the more vigorous vines from time to time, and work in guano or phosphate between the rows. Plant a dozen or more seeds in each hill, but do not leave over two plants. Sprinkle young plants liberally with plaster or air-slacked lime to protect from depredation of insects.

Long Island Beauty. (New.) See page 19.....	82	90	28	15	5
Extra Early Hackensack. Several days earlier than Hackensack; one of the best netted.....	67	75	23	10	5
Extra Early Cantaloupe. The earliest of the musks; large, showy, and of fair flavor.....	62	70	20	10	5
Early Jenny Lind. An early sort; favorite with gardeners.....	57	65	20	10	5
Early Nutmeg or Green Citron. Green flesh; Boston variety; earlier than Nutmeg grown farther South	57	65	20	10	5
Christiana or Boston Pet. (True.) Remarkable for quality; early.....	57	65	20	10	5
Netted Gem or Pineapple. See page 19.....	57	65	20	10	5
New White Japan. Flesh greenish white; early and prolific; sweet.....	52	60	18	10	5
Hackensack. Grows large; flat, round in shape; very productive; of delicious flavor.....	52	60	18	10	5
Skillman's Fine Netted. Of delicious flavor; early.....	57	65	20	10	5
Miller Cream. See page 19.....	57	65	20	10	5
Six Oaks Cantaloupe. See page 20.....	1 17	1 25	38	15	10
Shumway's Giant. See page 20.....	57	65	20	10	5
Columbus. See page 19.....	67	75	23	10	5
Irondequoit. See page 19.....	62	70	20	10	5
Delmonico. Grows to about six inches in diameter, deep orange pink flesh, of delightful flavor.....	62	70	20	10	5
Osage. Round in shape, salmon fleshed, delicious; second early. A strain of the Miller.....	57	65	20	10	5
Emerald Gem. See page 19.....	57	65	20	10	5
Bay View. Flesh green; sweet and spicy; hardy, vigorous, and productive; long round in shape..	52	60	18	10	5
Ward's Nectar. Early, exceedingly prolific, sweet, rich, and delicious; green fleshed.....	57	65	20	10	5
Surprise. Early, productive, and delicious; salmon fleshed; first-class. See page 19.....	47	55	18	10	5
Chicago Nutmeg. Of larger size than Boston Nutmeg. A favorite in Chicago.....	52	60	18	10	5
Montreal Nutmeg. Uniform in shape, green fleshed, netted, grows large.....	62	70	20	10	5

F. R. Shaw, North Windham, Me.: "The seeds I bought of you were first-class in every respect."

PRICES OF SEEDS.

MUSKMELON.—Continued.

Casaba. A very large, long, green-fleshed melon, of delicate flavor, thick fleshed, melting and delicious
Long Yellow. Large, sweet, productive; a well-known sort.
Banana. See description on page 19.
Jersey Belle. A good substitute for Boston Nutmeg which failed us this year.
Bird Cantaloupe. Extra large size and a good keeper; thick fleshed and of fine quality.
Champion Market. See page 19.
Mango Melon or Vine Peach. These resemble oranges. Fry as egg plant when green.

lb. exp.	lb. mail	1/4 lb.	oz.	pkg.
52	60	18	10	5
52	60	18	10	5
52	60	18	10	5
57	65	20	10	5
52	60	18	10	5
67	75	23	10	5
62	70	20	10	5

WATERMELON. (German, *Wassermelone*; French, *Melon d'eau*.) One ounce for 30 hills.

Duke Jones. (New.) See page 21.
Cole's Early. (New.) See page 21.
Sweet Heart. (New.) See page 21.
Vick's Early. Early, of medium size, oblong, pink flesh, solid and sweet.
Phinney's. For hardiness, vigor and productiveness unexcelled; early, reliable, red fleshed.
Kolb's Gem. See page 21.
Rattlesnake. The long, large, mottled-green watermelon of commerce; very popular.
Ferry's Peerless or Ice Cream. Large, early, very sweet, very prolific.
Dixie. See page 20.
Vaucluse. Dark green, sweet, brilliant, red flesh, fine for table decoration.
Ruby Gold. See page 21.
New Gragg. See page 20.
Seminole. See page 20.
Green and Gold. (New.) See page 21.
Jordan's Gray Monarch. Skin, mottled gray in color; flesh, bright crimson; sweet delicious flavor
Icing or Ice Rind. Oblong; rind light green; white seeded; of good size, fine flavor, very prolific.
Honey. One of the earliest. Medium-sized, yellow-fleshed, deliciously sweet.
Dark Icing. Round, dark-green and of a delicious flavor of good size.
Gipsy. Very large, very productive, round, striped, dark and light green.
Mountain Sweet. An old standard variety; early, solid; fine for Northern cultivation.
Florida Favorite. See page 20. Our stock is direct from the originator.
Pride of Georgia. Dark green, grows large, firm fleshed, good shipper, crisp and sweet.
Iron Clad. So called because they handle well; resembles Gipsy; red fleshed, delicious.
"The Boss." Dark skinned, medium sized, medium early, leads in appearance and eating quality.
Scaly Bark. Skin rough looking; remains in eating order long while after gathering.
Cuban Queen. A large mottled-green, round variety; red-fleshed, solid; fine quality.
New Orange. Improved in size; the rind will peel like an orange when fully ripe.
Citron. For preserves only; hardy and very productive.

67	75	23	10	5
62	70	20	10	5
52	60	18	10	5
42	50	18	10	5
52	60	18	10	5
42	50	18	10	5
42	50	18	10	5
52	60	18	10	5
52	60	18	10	5
42	50	18	10	5
42	50	18	10	5
52	60	18	10	5
52	60	18	10	5
42	50	18	10	5
42	50	18	10	5
52	60	18	10	5
42	50	18	10	5
42	50	18	10	5
42	50	18	10	5
42	50	18	10	5
42	50	18	10	5
42	50	18	10	5
62	70	20	10	5

MUSHROOM SPAWN. Full directions for cultivation on label.

French.
English.

37	45	.....	.....	.....
15	23	.....	.....	.....

MUSTARD. (German, *Seuf*; French, *Moutarde*. For Ground Mustard, see page 36.

Sow in drills one foot apart, and cover seed lightly. Thrives readily in almost any soil. Water frequently in dry weather, and for a succession sow every two weeks during the season. Used principally for salads.

Chinese. A fine sort for greens.
White or Yellow. For salad or medicinal purposes.

67	75	23	10	5
32	40	15	10	5

NASTURTIUM. (German, *Indianische Kresse*; French, *Capucine*.)

Plant in May in rows; the climbing varieties to cover some arbor or fence, or climb or twine around the house; the dwarf kind in hills or in rows two feet apart. The leaves are used for salad, and the seeds when soft enough to be easily penetrated by the nail, for pickles. If each plant of the dwarf variety is allowed room to perfect itself, the plants grow very symmetrical.

Tall. An ornamental climber. Several varieties mixed.
Dwarf. Several fine varieties are included in this mixture.

92	1 00	28	15	5
1 17	1 25	38	20	5

OKRA or GUMBO. (German, *Esbarren*; French, *Gumbo*.)

Select warm and rich soil, and plant when the ground becomes warm, in rows two feet apart, thinning plants a foot apart in the row. The pods are used to thicken soups, being gathered when young. In the North they require the warmest locations, and it is better to start them in a hot-bed. The seeds are a long time in germinating.

Improved Early Dwarf. Grows but about fifteen inches high, and bears numerous long pods.
Early Dwarf. White, small, and round; pods smooth.
White Velvet. Pods smooth, exceedingly tender and well-flavored; very prolific.
Long Green. Later and more productive.

42	50	18	10	5
42	50	18	10	5
42	50	18	10	5
42	50	18	10	5

ONION. (German, *Zweibel*; French, *Oignon*.) For full description of many varieties see pages 22-23.)

In some parts of the country the term "Silver-Skin" denotes a white variety, in other parts a yellow variety. Please indicate in your order which you want. The soil should be free from large stones. Apply from ten to twelve cords of rich, fine compost to the acre. Plough not over five inches deep, and work well with cultivator. Plough again at right angles with first furrows, and cultivate again. Now rake level and fine, and plant seed in rows fourteen inches apart at rate of four pounds to the acre. Keep very clean of weeds. When ripe, pull and dry very thoroughly before storing. For full particulars, see our work on "Onion Raising." Plant onion sets two inches apart in rows a foot apart. To grow sets, plant the seed at the rate of thirty to sixty pounds to the acre.

Early Flat Red. A capital sort where the seasons are short. (*Our own growing.*)
Early Yellow Cracker. An improvement on Large Yellow, being much earlier. (*Our own growing.*)
Early Round Yellow Danvers. (True.) Large, round, profitable. (*Our own growing.*)
Cheaper Yellow Danvers. (*Not of our own growing.*)
Southport Early Red Globe. (New.) (*Our own growing.*)
Early Red Globe Danvers. Early; most productive and handsomest of the reds. (*Our own growing.*)
Philadelphia White. The best variety to grow sets from.
White Portugal. Very early; mild flavored; not a good keeper.
Yellow Strasburg or Large Yellow. A late standard variety.
Southport White Globe. The favorite in N. Y.; would not advise growing it north of Central Mass.
Southport Late Red Globe. A Great cropper; is late; would not advise to raise north of Central Mass.

1 72	1 80	55	20	5
1 92	2 00	58	20	5
1 72	1 80	55	20	5
72	80	23	10	5
1 52	1 60	50	20	5
1 72	1 80	55	20	5
2 17	2 25	73	25	5
2 02	2 10	63	20	5
1 17	1 25	38	15	5
2 17	2 25	73	25	5
1 52	1 60	48	15	5

O. H. J. Perry, jr., Providence, R. I., writes: "I have always found your seeds to be true and reliable."

PEAS. — Continued.

	peck. exp.	bush. exp.	qt. exp.	qt. mail	pkg.
2. *Hosford's Market Garden. Now well known as a standard heavy cropping second early.....	1 50	4 50	25	40	10
2. *McLean's Advancer. Now recognized as the second early market Fourth of July pea.....	1 25	4 00	25	40	10
2. *Juno. See page 25. Pods and peas of large size. An acquisition.....	1 75	6 00	30	45	10
2. *Shropshire Hero. This follows Advancer, growing larger pods of finest flavor, 2½ feet.....	1 75	6 00	30	45	10
3. Carter's Pride of the Market. A late, long-podded English variety, of robust habit, very productive.....	1 50	5 00	25	40	10
2. Fill-Basket. A large very handsome productive sort; pods and peas dark green.....	1 50	5 00	25	40	10
2. *Dwarf Champion. See page 25.....	1 50	5 00	25	40	10
2. *Yorkshire Hero. Large, late wrinkled dwarf; peas very large; capital sort for kitchen garden.....	1 25	4 00	25	40	10
3. *Paragon. First-class; large pods well filled; one of the very latest.....	1 50	5 00	30	45	10
2. *Heroine. See page 25.....	1 50	5 00	30	45	10
3. *Carter's Stratagem. Long-podded; very large peas; for the family garden; not absolutely pure.....	1 75	6 00	30	45	10

Tall Varieties.

3. Marblehead Early Marrowfat. (New.) See page 24.....	1 50	5 00	25	40	10
3. *Telephone. An acquisition; medium late; large peas in long dark green pods.....	1 60	5 50	30	45	10
3. Melting Sugar. This with its thick, pulpy, large pods is to be cooked pods and all.....	1 75	6 00	30	45	10
3. *Champion of England. An old favorite; rich flavored and very productive. Four to five feet.....	1 00	3 50	25	40	10
3. Black-Eyed Marrowfat. An old favorite; large podded; prolific; capital for market.....	75	2 25	20	35	10
2. Royal Dwarf Marrowfat. Not so tall as Large White Marrowfat; earlier than Champion of Eng.....	65	2 00	20	35	10
3. Large White Marrowfat. A standard late sort.....	75	2 25	20	35	10

PEPPER. (German, Pfeffer; French, Piment.)

Pepper should be started in a cold frame or hot-bed. Transplant the young plants into the open ground toward the close of May, in a very warm location, having the rows eighteen inches apart; thin plants a foot apart in the rows. The ground should be made very rich, either by high manuring before plants are transplanted, or by liberal application of fertilizer or liquid manures afterwards. One ounce to fifteen hundred plants.

	lb. exp.	lb. mail	½ lb.	oz.	
Squash or Flat. The variety generally planted for family use; large and thick-fleshed; best for pickling.....	2 17	2 25	68	25	5
Cardinal. (New.) See page 29.....	2 17	2 25	68	25	5
Large Bell. A standard sort.....	2 17	2 25	68	25	5
Large Sweet Mountain. Very large and excellent for mangoes.....	2 17	2 25	68	25	5
Ruby King. See page 29.....	2 17	2 25	68	25	5
Child's Celestial. Beautiful. Fruit, two inches long, creamy white, changing to deep scarlet.....	2 17	2 25	68	25	5
Proccopp's Giant. One of the largest; flesh thick, glossy scarlet, sweet and mild. A mango variety.....	2 17	2 25	68	25	5
Spanish Monstrous. On good soil will grow six inches long and six inches in diameter.....	2 17	2 25	68	25	5
Long Red or Santa Fe. The standard long red.....	2 17	2 25	68	25	5
Cherry. Small, smooth, and round; a great bearer.....	2 17	2 25	68	25	5
Cayenne. Small, long, and tapering; very hot; best for seasoning pickles.....	2 17	2 25	68	25	5
Chili. Sharply conical, about two inches in length, one half inch in diameter. Brilliant scarlet when ripe.....	2 17	2 25	68	25	5
Red Cluster. This resembles the Chili, but fruits in clusters on the ends of the branches.....	2 17	2 25	68	25	5
Golden Dawn Mango. Bell shaped; remarkably prolific and of a magnificent yellow color.....	2 17	2 25	68	25	5

POTATOES. (German, Kartoffel; French, Pomme de Terre.) See pages 6, 26, 27 and 28.

PUMPKIN. (German, Kürbin; French, Courge.) Cultivate like squash, which see for general directions.

Gibson. (New.) See page 29.....	62	70	23	10	5
Sugar. First rate for table or stock. See page 29.....	52	60	18	10	5
Cheese. Popular in the middle States. Cheese-shaped, resembling in character the Crookneck Squash.....	42	50	18	10	5
Large Field. Good for stock; usually grown amongst field corn.....	32	40	.....	10	5
Japanese. Shaped like Crookneck and Cashaw, but finer and sweeter; seed peculiarly marked.....	.....	.....	30	15	5
Negro. The true old-fashioned black-warted shelled pumpkin, auld lang syne pie variety.....	62	70	23	10	5
Mammoth Red Etampes. See page 29.....	92	1 00	28	10	5
Michigan Mammoth. Excellent for stock. Grows very large, is a heavy cropper. See page 29.....	52	60	18	10	5

RADISH. (German, Rettig; French, Radis.)

For early use sow in spring as soon as the ground can be worked, in drills six to ten inches apart, covering seed half-inch deep. Thin plants an inch apart in the row. As the roots are more succulent and tender when grown quickly, a rich, light soil should be preferred, and frequent watering in dry weather will be found beneficial. For a succession, sow every two weeks. Nearly all of the varieties named below are French grown. One ounce for one hundred feet of drill.

EARLIEST WHITE. A new forcing radish. (New.) See page 4.....	.....	.....	48	25	10
Ne Plus Ultra. Deep Scarlet. See page 30. Headquarters stock.....	82	90	28	15	5
Early White Short Leaved. The best white turnip, tops remarkably short, used also for forcing..	62	70	20	10	5
Earliest Erfurt Scarlet Turnip. Short leaved; extra early; medium scarlet; for glass or open air	62	70	20	10	5
Early Scarlet, Olive Shaped. Very early and handsome; quick growth; tender, excellent.....	47	55	18	10	5
French Breakfast. A beautiful variety of the Olive Radish, scarlet body and white root.....	47	55	18	10	5
Red Turnip-Rooted. Early scarlet. Standard early, popular in markets of New York.....	47	55	18	10	5
Scarlet Turnip, White Tipped. The name defines this elegant new turnip radish.....	57	65	18	10	5
Deep Blood Red. Early, deep blood red, oblong turnip shaped, of fine quality.....	62	70	20	10	5
Long Brightest Scarlet. Medium long, of a vivid scarlet color, tipped with snow white.....	62	70	20	10	5
Beckert's Chartier. See page 30. This does not grow pithy as it grows larger; very popular.....	62	70	20	10	5
Boston Long Scarlet. The longest of the long scarlets; fine quality, stock from headquarters.....	82	90	28	10	5
Carter's Selected Long Scarlet. Messrs. Carter & Co.'s best. Favorite with Boston market gardeners	62	70	20	10	5
Wood's Fine Frame. For cultivation under glass; very early. Shaped between Olive and long...	52	60	18	10	5
Covent Garden or Long Scarlet Short Top. The standard long scarlet variety.....	52	60	18	10	5
Golden Yellow Summer Turnip. Spherical root; fine neck. Color very rich; very early.....	62	70	20	10	5
White Turnip-Rooted. For summer and winter use.....	62	70	20	10	5
Strasburg. A white summer and autumn variety. It grows four inches long two inches thick.....	62	70	20	10	5
Giant White Stuttgart. See page 30.....	52	60	18	10	5
Black Spanish. The round variety; for winter use.....	62	70	20	10	5
Chinese Rose Winter. The best for winter use. Grows large and tender.....	67	75	23	10	5
Large White Russian or California Winter. A winter sort eight to twelve inches long, and two inches in diameter. From the Chinese in California. An acquisition.....	67	75	23	10	5

Henry Fish, South Essex, Mass., writes: "I have always found your seeds to be of a high grade and to grow well."

PRICES OF SEEDS.

RHUBARB. (German, *Rhabarber*; French, *Rhubarb.*) For prices of roots, see page 51.

Sow the seeds in drills eighteen inches apart, and cover half-inch deep. Thin the plants to a foot apart. When the plants are one year old, prepare the ground for the final bed by trenching two feet deep, mixing a liberal quantity of manure with the soil. Set plants five feet apart each way. Do not cut until the second year, and give a dressing of manure every fall. If it is desired at any times to increase the bed, the roots may be taken up in the spring and divided. The seed will not usually give plants like the parent.

Mammoth. The largest of all..... 1 17 1 25 38 20 5
Linnæus. Large, tender, and of excellent flavor. A well-known market variety..... 92 1 00 28 15 5

SALSIFY or VEGETABLE OYSTER. (German, *Bocksart*; French, *Salsafis.*)

Sow in early spring, in light rich soil, in drills fourteen inches apart, and thin the plants to three inches in the row. The roots will be ready for use in October, and will sustain no injury by being left in the ground during the winter. When cooked, the flavor somewhat resembles the oyster.

WISCONSIN GOLDEN. (New.) See page 50..... package only..... 15

Common...... 92 1 00 28 15 5

Mammoth Sandwich Island. Grows much larger and smoother than the common; the popular variety..... 1 17 1 25 38 20 5

SPINACH. (German, *Spinat*; French, *Epinard.*) Write for quotations for Spinach in quantities.

For summer use sow early in spring, in drills, eight inches to one foot apart, covering the seed one inch deep. Select rich soil and manure very liberally. A succession may be obtained by sowing at intervals of two weeks through the season. For very early spring use, sow in August. The plants are sometimes protected through the winter by a thick covering of straw. Spinach is used principally as greens for boiling, and is very highly esteemed for this purpose.

Round-Leaved. The popular summer variety..... 27 35 15 10 5

Long Standing. As its name implies, the latest in seeding, consequently one of the best for garden use..... 27 35 15 10 5

Bloomsdale. Having a springy leaf, it lies lighter and keeps longer after cutting..... 27 35 15 10 5

American Grown Bloomsdale. (New.) This is preferred by many market gardeners..... 27 35 15 10 5

Extra Large Round-Leaved. Grows to a large size..... 27 35 15 10 5

Prickly Seed. The hardest variety; thick leaved. For fall sowing..... 27 35 15 10 5

New Zealand. Makes large plant; endures drought; best quality. Thought to promise well as foliage plant..... 62 70 20 10 5

SQUASH. (German, *Garten-Kewbiss*; French, *Courge.*)

All vines delight in warm and rich soil. Prepare the ground by thoroughly pulverizing. Manure at rate of six or eight cords to the acre, working it just under the surface with the cultivator or gang plough. Plant in hills nine to ten feet apart for running varieties, and five or six feet apart for bush sorts; work some rich, fine manure into each hill. Leave two plants to the hill. Keep well covered with plaster or air-slacked lime in early stages of growth. Cultivate frequently. For full particulars in every department, see our work, "Squashes, and How to Grow Them."

THE VICTOR. (New.) See page 5..... 1 92 2 00 58 25 15

Warted Hubbard. (New.) See page 32..... 67 75 23 10 5

Mammoth White Bush. (New.) See page 31..... 67 75 23 10 5

White Early Bush. The earliest summer sort..... 42 50 18 10 5

Summer Crookneck. Early; fine for summer use..... 42 50 18 10 5

Golden Bush. Differs from the White Bush, only in color..... 42 50 18 10 5

Strickler Summer. See page 32..... 67 75 23 10 5

Dunlap's Early Prolific Marrow. See page 32. Can be planted later than Boston Marrow..... 52 60 18 10 5

Boston Marrow. A standard fall squash; of a rich orange color, and very productive..... 42 50 18 10 5

American Turban. Decidedly one of the best of all fall squashes. See page 32..... 52 60 18 10 5

The Faxon. (New.) See page 30..... 92 1 00 28 15 5

Essex Hybrid. See page 31..... 52 60 18 10 5

Warren. (New.) See page 31..... 67 75 23 12 5

Bay State. See page 30..... 52 60 18 10 5

White Chestnut. See page 30..... 67 75 23 10 5

Marblehead. For full description, see page 31..... 62 70 20 10 5

"The Butman." See page 31. Supremely excellent in December..... 67 75 23 12 5

Hubbard. Our introduction; now the standard winter squash throughout the United States..... 67 75 23 12 5

Sibley or Pike's Peak. See page 31..... 52 60 18 10 5

Cocanut. See page 31..... 72 80 23 10 5

Mammoth Yellow or Chili. Grows to weigh from 100 to 300 pounds. See page 30..... 82 90 25 12 5

Canada Crookneck. The small, well-know, excellent kind..... 67 75 23 10 5

Large Winter Crookneck. The old standard sort, the best keepers; coarse grained. See page 32..... 67 75 23 10 5

SUNFLOWER. Sow thinly in drills three feet apart, and thin to two or three feet apart in the row.

Common...... 27 35 10 5

Mammoth Russian. A fine variety. Valuable for poultry or vegetable oil. Flowers and seed very large..... 22 30 10 5


SWISS CHARD.

Cultivate as beets. The tops while young are boiled as greens, the center and ribs are cooked, and served like asparagus.

Ornamental Varieties. The leaf veins are white or brilliant scarlet and yellow; highly ornamental..... 52 60 18 10 5

Common Chard...... 52 60 18 10 5

TOMATO. (German, *Liebes-Apple*; French, *Tomate.*)

 All of the list below, with but few exceptions, are of our own growing or grown for us by the originator.

Sow the seed in March and April in the hot-bed, or in pots in a sunny exposure in the house. If it is desired to make very healthy stocky plants, they may be transplanted or repotted when about two or three inches high. When five or six inches high, if the ground has become warm, transplant to the open ground, on a rainy or cloudy day, if possible, if not, the young plants should be liberally watered and shaded from the hot sun. If it is desirable to have the fruit ripen as early as possible, in preference to a heavy crop, select rather light, poor soil, and a sunny location. Trimming off the laterals, training to a stake, and propagating by slips, are believed by many to promote earliness. Set the plants four feet apart each way, upon mounds of earth, to allow the foliage to open and let the sun in amongst the fruit. A cheap trellis, made by driving three stakes around the plants and encircling them with three or four barrel hoops, makes a very nice support for training them on.

HONOR BRIGHT. (New.) See page 6..... package only..... 15

Thornburn's New York. (New.) See page 33..... 2 92 3 00 98 30 10

Fordhook. (New.) See page 33..... 1 92 2 00 58 20 5

Maule's New Imperial. (New.) See page 33..... 1 92 2 00 58 20 5

Bond's Early Minnesota. (New.) See page 33..... 2 42 2 50 68 25 5

Earliest of All. Tested in 1893, the earliest of ninety varieties; flat round; very productive..... 1 92 2 00 58 20 5

Canada Victor. Of our own introduction. For early it holds its own; is somewhat irregular..... 1 92 2 00 58 20 5

B. W. Steere, Carthage, Ind., writes: "I cannot speak too highly of the purity of your seeds."

TOMATO.—Continued.

	lb. exp.	lb. mail	¼ lb.	oz.	pkg.
Alpha. A first early variety.....	1 92	2 00	58	20	5
Early Ruby. One of the first earliest; resembles Perfection but not as large.....	1 92	2 00	58	20	5
Comrade. (New.) See page 34. Remarkable for its smoothness. Seeds from introducer.....	2 42	2 50	68	25	5
Belmont. (New.) A sport from Paragon, but much earlier; vigorous vine, very prolific.....	1 92	2 00	58	20	5
Mitchell's New. This excels in size, productiveness, smoothness, earliness and quality.....	1 92	2 00	58	20	5
Red Cross. See page 34.....	1 92	2 00	58	20	5
Dwarf Champion. See page 33.....	2 42	2 50	68	25	5
Volunteer. A cross of Canada Victor, Trophy, and Perfection. Color, bright red; smooth and handsome	1 92	2 00	58	20	5
Aristocrat. This differs only from the Dwarf Champion in having a glossy red color.....	1 92	2 00	58	20	5
Buckeye State. (New.) See page 33. Headquarters stock.....	1 92	2 00	58	20	5
Optimus. Medium scarlet, healthy, smooth, productive; free from rot; good size. A fine variety..	1 92	2 00	58	20	5
Mikado or Turner's Hybrid. Of the Trophy class, very large, solid, good flavor, heavy cropper...	1 92	2 00	58	20	5
Essex Hybrid. Earliness, deep purple color, handsome form, and good size make this popular....	1 92	2 00	58	20	5
Paragon. Supply directly from Livingston, his first and one of his best. A standard at the South...	1 92	2 00	58	20	5
Livingston's Beauty. See page 33.....	1 92	2 00	58	20	5
Livingston's Perfection. Splendid for canning or shipping; dark red; directly from originator....	1 92	2 00	58	20	5
Livingston's Favorite. Smoother than Paragon, darker red than Perfection, larger than either....	1 92	2 00	58	20	5
Livingston's New Stone. See page 33. Headquarters stock.....	2 42	2 50	73	25	5
Ignotum. Second early, good sized, nearly round, very solid, fine flavor.....	1 92	2 00	58	20	5
Livingston's Acme. Supply directly from the originator. Differs from the Paragon in color only..	1 92	2 00	58	20	5
Ponderosa. Monstrous; inclined to rot; better for show than use.....	1 92	2 00	58	20	5
Trophy. This magnificent variety is particularly valuable in the home garden.....	1 92	2 00	58	20	5
Yellow Victor. A beautiful medium size, golden-yellow, almost perfection in shape.....	1 92	2 00	58	20	5
Peach. Much resembles a peach in looks.....	1 92	2 00	58	20	5
Improved Ground Cherry. Excels the old variety in rind and size of fruit.....	2 92	3 00	98	30	5
Yellow Fig. Pear shaped, and used to preserve as figs.....	1 92	2 00	58	20	5
Cherry. Flavor unsurpassed. Fruit small, but a wonderful cropper.....	package only				5
Yellow Plum. Small, elegant. Nice for preserves.....	package only				5
Currant. Very elegant; resembles long bunches of currants; for ornament only.....	package only				5

TURNIP. (German, *Rube*; French, *Navet*.) When ordering please designate English or Swede.

For early use sow the small sorts as soon as the ground can be worked in the spring, in drills fourteen inches apart, the Rutabagas thirty inches. As the seed is very fine, it should be covered but slightly. Select light, if possible, new soil, and manure with ashes or phosphates. Should the young plants be troubled with insects, a sprinkling of plaster will be found beneficial. Of the early varieties thin the plants to six inches apart, and the Rutabagas to one foot. For fall and winter use the early kinds should be sown from the middle of July to the middle of August, and the Rutabagas from the middle of June to the first of July, using one and a half pounds of seed to the acre. Turnips are extensively used as winter feed for cattle and sheep. "Swede" and "Rutabagas" being synonymous terms, the names below, given as they are generally used, will be readily understood. The English varieties are almost exclusively used for early planting for market.

English Varieties.

WHITE TOP MILAN. (New.) See page 4.....	92	1 00	30	20	10
Purple Top Milan. See page 34.....	82	90	28	15	5
Purple Top Munich. A very early deep Purple Top variety, earlier than Red Top.....	47	55	18	10	5
Early White Dutch or Early Flat Dutch. Sharp leaves, small neck and top, color clear white, desirable	45	53	18	10	5
Early Red (or Purple) Top Flat. Fine, sweet, mild; rapid grower; very early and popular.....	45	53	18	10	5
Early White Top Flat. Differs from Red Top only in color.....	42	50	18	10	5
Scarlet Kashmyr. (New.) See page 34.....	67	75	23	12	5
Purple Top Globe. Contesting the field with the Red Top; a fine, thick, round, quick growing variety	42	50	18	10	5
White Stone or Snowball. A thick, early White Top. The favorite in the London market.....	42	50	18	10	5
Golden Stone. A fine, oblong, yellow-fleshed variety; very handsome; an acquisition.....	42	50	18	10	5
Improved Yellow Globe. Fine for family use or field culture. An excellent American variety...	42	50	18	10	5
Orange Jelly. A round, yellow, English turnip, of finer quality than Golden Ball.....	45	53	18	10	5
Yellow Finland. Very elegant; less eaten by worms than most sorts. Good for the table or stock.	42	50	18	10	5
Green Top Aberdeen. Round, yellow-fleshed and firm; a good keeper.....	42	50	18	10	5
White Egg. See page 34. Headquarters stock. Large, handsome, early; keeps first rate.....	42	50	18	10	5
Pomeranian White Globe. A very fine white globe variety; round and thick.....	42	50	18	10	5
Long White Cowhorn. A fine strain, matures quickly, carrot shaped, fine grained, and sweet.....	42	50	18	10	5
White Tankard. In shape resembling a tankard; white-fleshed; a very heavy cropper.....	42	50	18	10	5
Jersey Navet. An English variety of underground turnip; early; very sweet.....	42	50	18	10	5

Swedes or Rutabagas.







Laing's Improved Swede. One of the earliest; a handsome round variety, of fine quality for the table	42	50	18	10	5
American Rutabaga. Popular among market gardeners for table and stock; flesh very solid; keeps well	42	50	18	10	5
Carter's Elephant. (New.) See page 34.....	67	75	23	12	5
Improved Purple Top Swede. See page 34.....	42	50	18	10	5
Hartley's Swede. One of the largest of the Swedes; short-necked; round in shape; very fine....	42	50	18	10	5
Skirving's Purple Top Rutabaga. Standard field variety, fine for family use; yellow-fleshed....	42	50	18	10	5
Shamrock Swede. A popular English sort; short neck, and oblong in shape; yellow-fleshed....	42	50	18	10	5
London Purple Top Swede. Round shape; grows larger size than Skirving's, and has a shorter neck	42	50	18	10	5
Carter's Imperial Swede. Messrs. Carter & Co. rank this as the best of their Swede turnips.....	42	50	18	10	5
Budlong. See page 34.....	67	75	23	10	5
White Rock. Improvement on Large White French. Less apt to grow hollow than Sweet German.	47	55	18	10	5
Large White French, or White Swede. A white market Rutabaga.....	42	50	18	10	5
Sweet German, or Russian. White, sweet, excellent; a first-rate keeper.....	47	55	18	10	5

L. Pickering, Gambier, Ohio, writes: "I advise my friends, if reliable seeds are wanted, to get Gregorys."

SWEET OR POT AND MEDICINAL HERBS. (Figure 1 denotes seasoning, figure 2 medicinal herbs.)

For Ground Sage, see page 36.											
	lb. exp.	lb. mail	½ lb.	oz.	pkg.		oz.	pkg.		oz.	pkg.
1 Sage, broad leaved.....	1 92	2 00	58	20	10	2 Saffron.....	15	5	2 Lavender.....	20	5
1 Thyme, French, high-flavored..			73	30	5	2 Opium Poppy.....	30	5	1 Rosemary.....	40	5
1 Thyme, broad-leaved English..	2 42	2 50	73	30	5	1 Coriander.....	10	5	1 Sweet Fennel.....		5
1 Summer Savory.....	92	1 00	28	15	5	1 Sweet Basil.....	20	5	2 Fenugreek.....		5
1 Sweet Majoram.....	1 42	1 50	48	20	5	1 Dill.....	10	5	2 Catnip.....		5
1 Caraway.....	50	58	18	10	5	2 Hyssop.....	25	5	2 Melis Balm.....		5
2 Hoarhound.....	2 42	2 50	73	30	5	2 Rue.....	25	5	2 Wormwood.....		5

GRAINS, GRASSES, CLOVER SEEDS, FORAGE PLANTS, ETC.

						PRICES OF SEEDS.					
	per bush. weight.	peck. exp.	bush. exp.	3 lbs. mail.	1 lb. mail.	pkg.					
Gray Winter or Turf Oats. See page 37.....	32 lbs.	60	1 50	50	20	10					
Sacaline. (New.) See page 37. Plants, 15 cents each, per mail; 12 per mail \$1.25; 3 per mail, 35 cents; seeds, per ounce, \$1.00.....											15
Japan Millets. (New.) For full prices see page 37.....	50 lbs.										10
Golden Wonder Millet. (New.) See page 35.....	50 "	1 25		50	20	10					10
Japanese Buckwheat. See page 35.....	48 "	45	1 25	50	20	10					10
Silver Hull Buckwheat. Husks thinner than common sort. Stands drought first rate....	48 "	45	1 25	50	20	10					10
Saskatchewan Spring Wheat. See page 35.....	60 "	60	2 00	50	20	10					10
Lincoln Oats. (New.) See page 36.....	32 "	55	1 40	50	20	10					10
Pringle's Progress Oats. (New.) See page 35.....	32 "	45	1 25	50	20	10					10
Race Horse Oats. See page 35.....	32 "	45	1 25	50	20	10					10
Baxter's Barley. (New.) See page 35.....	48 "	60	1 75	50	20	10					10
Mansbury Barley. See page 35.....	48 "	60	1 75	50	20	10					10
Spring Rye. Of our own raising.....	56 "	60	2 00	50	20	10					10
Winter Rye. A fine sample.....	56 "	45	1 25	50	20	10					10
Amber Cane. The standard sugar variety; also much used for fodder, per lb., per exp., 10 cts	50 "	1 00	3 50	50	20	10					10
Orange Cane. A little later than the Amber, but richer in juice.... per lb., per exp., 10 cts	50 "	1 00	3 50	50	20	10					10
Hungarian Grass. Magnificent forage for light land.....	48 "	50	1 50	50	20	10					10
German or Golden Millet. Broader and stouter than Hungarian but later.....	48 "			50	20	10					10
Timothy Grass.  Extra clean seeds.  Scarcely this year, price in quantity 20c. per lb.	45 "	65	2 60	50	20	10					10
Red Top Grass.  Extra clean seeds.  Scarcely this year, price in quantity 20c. per lb.				1 00	35	10					10
Orchard Grass.....	14 lbs.			80	30	10					10
Lawn Grass. Fine mixture.....	16 "	1 00	3 75	1 00	35	10					10
Crimson Clover. See page 35. This variety is fine for soiling cattle; has a beautiful blossom	60 "			50	20	10					10
Japan Clover. See page 35..... per lb. in quantity, 20 cts				80	30	10					10
Alsike Clover.....	60 lbs.			70	25	10					10
Red Clover.  Extra clean seeds. 	60 "	1 75	7 00	60	25	10					10
White Clover.....	60 "			80	30	10					10
Lucerne. See page 35.....	60 "			70	25	10					10
Kaffir Corn. (New.) See page 35..... per peck of 15 lbs., per exp., \$1.25		1 25		60	20	10					10
Milo Maize or Rural Branching Sorghum. See page 35. per peck of 15 lbs., per exp., \$1.25		1 25		60	20	10					10
Doura Yellow. See page 35..... per peck of 15 lbs., per exp., \$1.25		1 25		60	20	10					10
Soja Beans. For prices see page 36.....											
Canada Field Peas. See page 35.....		50	1 75			10					
Cow Peas. (Clay.) For turning under to improve soil; good for fodder; 1½ bush. per acre		60	2 00			10					
Rape Seed. Dwarf Essex.....				60	20	10					
Cranberry Vines. See page 51.....											
Grafting Wax..... per lb., postpaid, 40 cents; ¼ lb., 15 cents											
Raffia, for tying, very soft and strong..... per lb., postpaid, 40 cents; ¼ lb., 15 cents											

Prices for Crimson Clover, Lucerne, German Millet, etc., in quantity, given upon application, for first quality.



By tests made in our experimental grounds, we find this new salsify to be a decided improvement on the common kind. It is a distinct sort; it makes larger roots than the standard variety, while the flavor when cooked we found to be fully as rich. The flesh is of a yellow cast. My customers will find this an acquisition. Per package, 15 cents.

INDEX TO DEPARTMENTS.

Books, second page of cover.

To Our Patrons, page 1.

Novelties, Vegetable and Flower, pages 4 to 8.

Vegetable Novelties of Previous Years, pages 9 to 38.

General Vegetable Price List, pages 38 to 51.

General List of Flowers, pages 52 to 62.

Bulbs and Shrubs, pages 63 to 66.

Small Fruits, pages 67, 68 and 69.

Implements and Requisites, pages 70, 71 and 72, and third page of cover.

Collections of Vegetable Seeds. (No discount.)

As these collections are put up in advance ready for mailing, we can make no change or substitution in them.

No. 1.—33 PACKAGES OF VEGETABLE SEEDS FOR THE FAMILY GARDEN. Postpaid, \$1.00.

Beans, Dwarf Golden Wax.
Beans, Golden Butter Pole.
Beet, Bastian's Early.
Beet, Lentz.
Cabbage, Pixie.
Cabbage, Fottler's.
Cabbage, Prem. Flat Dutch.
Carrot, Danvers.

Celery, Dwarf Golden Heart.
Corn, Crosby's Early.
Corn, Stowell's Evergreen.
Cucumber, Imp. White Spine.
Cucumber, Boston Pickling.
Lettuce, Hanson and Silesia.
Melon, Musk, White Japan.
Melon, Water, Rattlesnake.

Melon, Water, Mt. Sweet.
Onion, Danvers Yellow.
Onion, Red Globe.
Parsnip, Abbott's.
Pepper, Bell.
Peas, Champion of England.
Peas, Advancer.
Pumpkin, Sugar.

Radish, Long Scarlet.
Radish, French Breakfast.
Sage.
Squash, White Bush.
Squash, Marblehead.
Turnip, White Egg.
Tomato, Favorite.
Tomato, Stone.

No. 2.—16 PACKAGES, POSTPAID, FOR 50 CENTS.

Beans, Dwarf Golden Wax.
Beet, Lentz.
Cabbage, Fottler's.
Carrot, Danvers.

Corn, Crosby's Early.
Corn, Stowell's Evergreen.
Cucumber, Imp. White Spine.
Lettuce, Hanson.

Melon, Musk, Christiana.
Melon, Water, Mt. Sweet.
Onion, Danvers Yellow.
Peas, Advancer.

Radish, Covent Garden.
Squash, Marblehead.
Tomato, Favorite.
Turnip, White Egg.

ONE PACKAGE CHOICE FLOWER SEEDS WITH EACH COLLECTION.

VEGETABLE PLANTS. (No discount.)

Grown from stock seeds supplied by us. Sent by express or freight at purchaser's expense. No plant sent C. O. D. or per mail.

All cold-frame and hot-bed plants are transplanted and well "hardened."

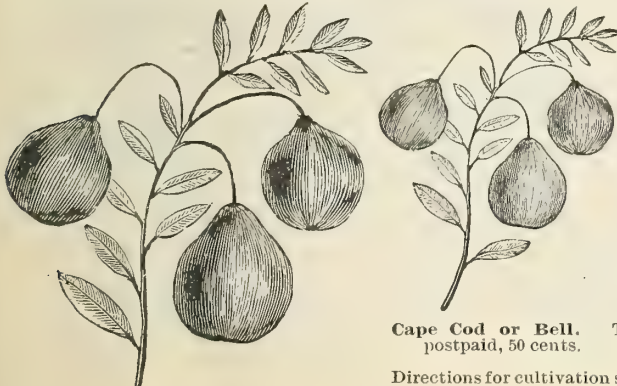
CABBAGE. Hot-bed plants (ready in April).
Per 100 1000
Early Jersey Wakefield..... .80 6.00
Henderson's Early Summer .80 6.00
All-Seasons..... .80 6.00
Imp. Am. Savoy..... .80 6.00
Cauliflower.
Per doz. 100
Hend. Early Snowball (May) .18 1.00

CELERY. Cold-frame plants (ready in June).
Per 100 1000
White Plume..... .75 5.50
Golden Yellow Large Solid.. .75 5.50
Giant Pascal (July)..... .75 5.50
Boston Market (July)..... .75 5.50
EGG PLANT.
Per doz. 100
New York Imp. (June)..... .80 5.00

TOMATO. Hot-bed plants (ready in May).
Per doz. 100
New Stone..... .30 2.00
Beauty..... .30 2.00
Dwarf Champion..... .30 2.00
Livingston Favorite..... .30 2.00
PEPPER.
Per doz. 100
Squash (June)..... .30 2.00

Asparagus, Horse-Radish, Rhubarb Roots, Fruit and Hedge Seeds, Etc. (No discount.)

Columbian Mam. White Asparagus Roots, one year old.....Price, per 100, postpaid, 90 cts.; per 100, per express, 75 cts.; per 1000, per express, \$5.00
Columbian Mam. White Asparagus Roots, two years old.....Price, per 100, postpaid, \$1.30; per 100, per express, \$1.00; per 1000, per express, \$6.50
Palmetto Asparagus Roots, one year old.....Price, per 100, postpaid, 75 cts.; per 100, per express, 60 cts.; per 1000, per express, \$4.50
Palmetto Asparagus Roots, two years old.....Price, per 100, postpaid, \$1.20; per 100, per express, 90 cts.; per 1000, per express, \$6.00
Moore's Cross-bred Asparagus Roots, one year old.....Price, per 100, postpaid, 75 cts.; per 100, per express, 60 cts.; per 1000, per express, \$4.50
Moore's Cross-bred Asparagus Roots, two years old.....Price, per 100, postpaid, \$1.20; per 100, per express, 90 cts.; per 1000, per express, \$6.00
Conover's Colossal Asparagus Roots, one year old.....Price, per 100, postpaid, 75 cts.; per 100, per express, 60 cts.; per 1000, per express, \$4.00
Conover's Colossal Asparagus Roots, two years old.....Price, per 100, postpaid, \$1.00; per 100, per express, 70 cts.; per 1000, per express, \$4.50
Horse-Radish Setts.....Price, per express, per 100, \$1.00; per 1000, \$7.00; per 100, per mail, \$1.15
Rhubarb Roots, Victoria and Linnaeus.....Price, per express, 25 cts. each; \$2.00 per doz.; per mail, 40 cts. each; \$4.00 per doz.
Spear-mint and Peppermint Roots. Recalling our grandmothers' gardens.....Each, per bunch, postpaid, 25 cts.
Holt's Mammoth Sage Roots. These grow to double the size of the common sort; perfectly hardy.....Per root, postpaid, 25 cts.
Apple.....Price, per peck, per express, \$1.50; per lb., postpaid, 40 cts.; per 1/4 lb., 15 cts.; per oz., 10 cts.; per pkg., 5 cts.
Pear.....Price, per lb., postpaid, \$1.50; per 1/4 lb., 48 cts.; per oz., 20 cts.; per pkg., 10 cts.
Raspberry. See page 39.
Yellow Locust. Honey Locust. Osage Orange.....Each, per lb., postpaid, 58 cts.; per 1/4 lb., 18 cts.; per oz., 10 cts.; per pkg., 5 cts.
Buckthorn.....Price, per lb., postpaid, \$1.25; per 1/4 lb., 38 cts.; per oz., 15 cts.; per pkg., 5 cts.



Cape Cod or Bell.
postpaid, 50 cents.

The common sort. Price, per 1000, postpaid, \$3.50; per express, \$3.00; per 100, 60 cents.

Directions for cultivation sent with each lot. No plants sent C. O. D. Prices in quantity given on application.

JOHNSON'S MAMMOTH CRANBERRY.

There are a great many varieties of the cranberry; they differ not only in size and vigor of vines, and cropping qualities, but in the form and size of the berries. Old cranberry growers are aware of this fact, and are ever on the look-out for extra large varieties. These cannot always be procured, because those who are fortunate enough to have them monopolize them. We are pleased, therefore, to be able to offer to our customers one of these giant varieties, Johnson's Mammoth, the berries of which are sometimes an inch in diameter. It is not only a mammoth berry, but also an enormous cropper; people coming from all the country around to see the crop, which completely covered the ground, and was the cranberry show of the region. The engraving illustrates the comparative size of Johnson's Mammoth and the common variety. Price, per 1000, postpaid, \$5.50; per express, \$5.00; per 100, postpaid, 70 cents.

CRANBERRY PLANTS.

Early Black. This variety ripens earlier than the Bell, thus avoiding early frosts. Price, per 1000, postpaid, \$4.00; per express, \$3.50; per 100, postpaid, 60 cents.

CHOICE VARIETIES OF FLOWER SEED

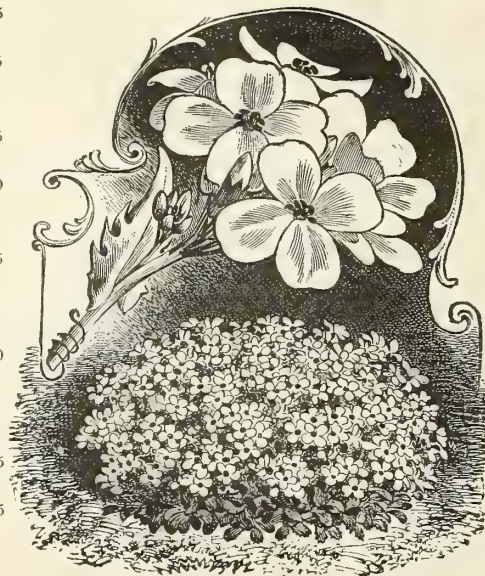
WE have aimed to include in our collection of Flower Seed standard varieties, with the addition of such kinds as have proved a real acquisition in floriculture. Many varieties that are usually advertised separately we have included in a single package under the name of "mixed varieties." Our three warrants we also throw around our Flower Seed, for it is our design that they shall be equally reliable with our vegetable seed. Let us remind our friends that Flower Seed, being for the most part very small, require extra precaution in the preparation of the soil, depth of planting, and protection from extremes of cold and wet. Do not, as a rule, plant in the open ground before the weather has become settled; better wait until the middle of May. Before planting, the soil should be made very fine and be well enriched. For the smaller varieties, such as pansies, the rows may be from ten to twelve inches apart; the largest upright varieties, such as zinnias and marigolds, the rows should be fifteen to eighteen inches apart; while for running varieties, such as verbenas, the rows may be two feet apart. Seed the size of sweet peas may be planted one and a half to two inches deep; the very smallest seed should be planted barely under the surface, having fine earth sifted over them, and slightly packed with the hand, or a strip of board pressed upon it. It will keep the moisture in and facilitate vegetation, if a newspaper is spread over the surface after planting, and kept down with stones for a few days. Thin out the plants when very small with a bold hand, and after they have attained the height of two inches thin again boldly. Give each plant plenty of room, according to its habit of growth; a common mistake is to crowd too much. Special rates when large amounts are ordered by clubs. Terms to dealers on application.

The letter "A" annexed to the name of varieties, signifies Annual; "B," Biennial; "P," Perennial.

ANNUALS grow, bloom and die the first year from seed; BIENNIALS bloom the second year from seed, and then die; though many, if sown early in the spring, will flower the first year. PERENNIALS usually bloom the second year from seed, and continue to grow and bloom for many years; some will also bloom the first year if sown early.

FOR NOVELTIES IN FLOWERS SEE PAGES 7 AND 8.

- | No. | Abronia Umbellata. (A.) | Price per pkg. |
|---|---|----------------|
| 1 | Handsome, trailing plants, with clusters of sweet-scented, rosy pink flowers, resembling the Verbena. | .05 |
| Aconitum. (Monk's Hood.) (P.) | | |
| 2 | Grows well in any good soil, even when in the shade. | .05 |
| Acroclinium. (A.) | | |
| Very beautiful everlasting flowers. For winter bouquets. Cut as soon as they begin to expand. | | |
| 3 | Acroclinium, Double, Mixed. | .05 |
| Adlumia Cirrhosa. (Mountain Fringe.) (B.) | | |
| 4 | An attractive climber, with beautiful feathery foliage and rose-colored flowers. | .05 |
| Adonis. | | |
| Hardy plants with delicate foliage, flowering freely, and of easy cultivation. | | |
| 5 | Adonis Aestivalis. (A.) Deep Crimson | .05 |
| 6 | — Vernalis. (P.) A charming hardy variety, with large yellow flowers, blooming early in spring. | .05 |
| Ageratum. (A.) | | |
| 7 | Ageratum. Choice Mixed. Suitable for pot culture or bedding, bearing in profusion clusters of feathery flowers. | .05 |
| 8 | — Pale Yellow. This delicate yellow variety will be found very useful for bouquets. | .10 |
| Agrostemma. (A.) | | |
| 9 | Agrostemma. Mixed. Very pretty, free blooming, hardy plants growing about one foot high. | .05 |
| Aristolochia. (Dutchman's Pipe.) (P.) | | |
| 10 | A beautiful hardy climber. Leaves large and luxuriant, flowers brownish yellow, in shape resembling a pipe. | .10 |
| Amaranthus. (A.) | | |
| Ornamental foliaged plants. They are most brilliant on poor soil. | | |
| 11 | Amaranthus Tricolor Sp. dens. A variety remarkable for brilliancy of coloring. | .05 |
| 12 | — Bicolor Ruber. Leaf a fiery red scarlet and maroon, sometimes tipped with yellow. | .05 |
| 13 | — Salicifolius. From its graceful appearance sometimes called "Fountain Plant." The leaves change in color from a bronzy green to a brilliant scarlet as the plant attains age. | .05 |



ARABIS ALPINA COMPACTA.

- | No. | Ammobium. (Everlasting Flower.) (A.) | Price per pkg. |
|--|---|----------------|
| 14 | Ammobium Alatum Grandiflorum. Large white-flowering variety. | .05 |
| Ampelopsis Veitchii. | | |
| 15 | For description see shrubs. | .05 |
| Anagallis. (A.) | | |
| 16 | Anagallis. Mixed. Beautiful, trailing hardy annuals about six inches high, desirable for small beds, edging, baskets, etc. | .05 |
| Arabis Alpina Compacta. (See Cut.) (P.) | | |
| 17 | Hardy, herbaceous plant, with pure white flowers; blooms very early in the spring; fine for borders and rockwork. This new dwarf variety is a decided improvement on the old sort, being more compact and broader in growth, with larger flowers of a much purer white. | .05 |
| Sweet Alyssum. (A.) | | |
| Very fragrant, free-flowering, pretty plants for beds, edging or rockwork. Much used for bouquets, on account of their delicate, honey-like fragrance. | | |
| 18 | Alyssum, Sweet. Little Gem. Very dwarf and compact, and blooms so profusely that the plants are a solid mass of white from spring till late in autumn. | .05 |
| 19 | — Sweet. White. Per ounce, 30 cts. | .05 |
| 20 | — Saxatile. (Hardy Alyssum.) Beautiful spring-blooming variety, with flowers of a deep pure yellow. | .05 |
| Asperula Azurea. (A.) | | |
| 21 | Dwarf, hardy plants with fine foliage and deliciously fragrant, bright, sky-blue flowers; well adapted for shady places. | .05 |
| Batchelor's Button. (A.) (Centaurea Cyanus.) | | |
| 22 | A showy, hardy annual, about two feet high, succeeding well in any soil, and bearing a profusion of flowers in shades of pink, blue and purple. | .05 |
| Baloon Vine. (A.) | | |
| 23 | Ornamental climbing plant, remarkable for an inflated membranous capsule, from which it derives its name. | .05 |
| Browallia. (A.) | | |
| 24 | Bushy plants, completely covered with blue and white flowers throughout the summer; fine for bedding or for pot culture in the winter. | .05 |

No. **Asters. (A.)** Price per pkg.

- Sow the seed early in the spring, under glass or in pots in the house, and transplant into rich soil one foot apart.
- 25 **Aster, Semple's Giant.** Grand tall variety, attaining a height of 3½ feet. Flowers very large, from 4 to 6 inches across, with broad petals. Colors range from white to pink-lavender. Much in demand for floral exhibitions.10
- 26 **Aster, Japanese Tassel.** A new strain of Aster strikingly distinct from any other variety. The flowers, of beautiful shades of rose and flesh, are of immense size, with long petals curiously curled and waved, resembling the most disheveled Japanese Chrysanthemum. The plant is very vigorous, growing about 15 inches high, and producing quite a number of these enormous flowers. (See Cut.)20
- 27 **Aster, Snowball or Princess.** A beautiful Aster, with quite short and thickly-set imbricated petals. A single plant develops as many as thirty pure white flowers, which remain longer in good condition than any other variety.15
- Aster, Ball or Jewel.** The petals of this handsome variety are so symmetrically incurved as to give them the exact shape of a ball. Flowers measure from two and one-half to three inches across, and, being borne on long stalks, will prove very useful for cutting.15
- 28 — **Ball or Jewel. Apple Blossom.** Shell pink.15
- 29 — **Deep Rose.**15
- 30 — **Purple-Violet.**15
- 31 — **Dark Blue.** (New.) Equal in beauty and exquisite form to the other colors introduced a few years ago.15
- 32 **Aster, Washington Needle. Mixed.** Flowers large and double, with curved petals as round as a knitting needle. Free bloomers.10
- 33 **Aster, Perfection. Light Yellow.** Beautiful creamy yellow. Quite a new color in Asters.15
- 34 **Aster, Goliath.** Of extremely vigorous growth, forming large bushes, profusely covered with very double flowers, immense in size. The seed which we offer is a fine mixture of white, rose, dark-blue, ash-gray and crimson.15
- 35 **Aster, Harlequin.** Dwarf in habit, flowers very double, with oddly striped petals.10
- 36 **Aster, Mignon. Mixed.**15
- Resembles the Victoria race, but blooms more profusely. Flowers globular and beautifully imbricated, in colors of blue, lilac, rose, carmine, crimson and white.
- 37 **Aster, Queen of Market. Mixed.** Fine in shape, and comes into bloom several weeks earlier than any other variety.10
- 38 **Aster, Boston Florists'. White.** The best and purest white grown for florists' use or bedding purposes. Very double and globular in form.10
- Aster, Truffaut's Paeony-flowered Perfection.** The flowers of this fine class are perfect in form, size and fullness. Petals incurved.10
- 39 — **Truffaut's Snow White.**10
- 40 — **Fiery Scarlet.**10
- 41 — **Dark Blood-red.**10
- 42 — **Black-blue.**10
- 43 — **Finest Mixed.**10
- Aster, Comet. (See Cut.)** A beautiful distinct variety, with long, wavy and twisted petals, resembling the Japanese Chrysanthemums; well grown plants produced from twenty-five to thirty perfectly double flowers, measuring from three to four inches in diameter.15
- 44 **Aster, Comet. Sulphur Yellow.** It is but a few years since the yellow tints in Aster were introduced, and we now offer this desirable color in the Comet variety.15
- 45 **Aster, Giant Comet. The Bride.** Unsurpassed in delicacy of coloring and elegance of form. "White changing to rose" is the nearest



COMET ASTER.



ASTER, JAPANESE TASSEL.



TRIUMPH ASTER.

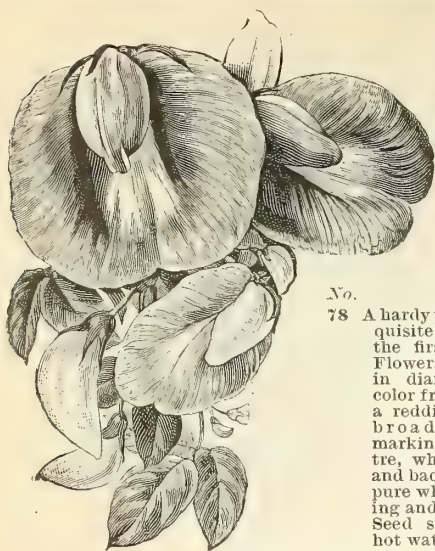
No. **Balsams. (A.)** Price per pkg.

- description one can give of it, the flowers being first pure white, then white changing to rose, and finally of a beautiful rose tint.20
- 46 — **Comet. Improved Giant. White.** Flowers immense in size.20
- 47 — **Comet. Light Blue.**15
- 48 **Aster, Comet. Deep Rose.**15
- 49 — **Pink, Bordered with White.**15
- 50 — **Mixed.**10
- Aster, Washington.** Very large flowering, extra double; fine for exhibition purposes.10
- 51 — **Washington. Pure White.**20
- 52 — **Peach Bloom.**20
- 53 — **Silver Gray.**20
- 54 — **Mixed.**15
- 55 **Aster, Victoria. Finest Mixed.** An unrivalled and favorite class, of which we have a very fine strain. Flowers large and perfectly double, of globular shape.10
- 56 — **Bordeaux Red.** A peculiar brownish red.10
- 57 **Aster, German. Double Quilled and Striped.**05
- 58 — **Betteridge's, Quilled, Sulphur Yellow.** Flowers globular, quilled and very double.15
- 59 — **Pyramidal, Large and Double.** Similar in style to the Paeony variety, but more branching, with splendid, large, extra double flowers. Sixteen varieties mixed.10
- 60 — **Hedgehog (or Needle).** With white centre. Six splendid varieties mixed.10
- 61 — **Giant Emperor. Mixed.** Flowers few, very double, often four inches in diameter.15
- 62 — **Triumph. Dark Scarlet. (See Cut.)** The most beautiful and perfect of all dwarf Asters. The flowers are produced in great abundance, and are of the most faultless Paeony form.15
- 63 — **Dwarf, Brilliant Rose.** Quite vivid and striking.10
- 64 — **Dwarf, Fiery Scarlet.** Very brilliant.10
- 65 — **Boltze's New Dwarf Bouquet. Mixed.** About eight inches high, very double, rich and free flowering; very fine for pots or beds.10
- 66 — **Globe-flowered, Double German.** Twelve splendid varieties mixed.10
- 67 — **All varieties mixed.** Tall and dwarf, in great variety of colors.10

Balsams. (A.)

Beautiful, half-hardy annuals, from one and one-half to two feet in height. Sow the seed early in frames, and transplant to a well-enriched border.

- 68 **Balsams. Improved Camellia-flowered.** Finest mixed. Flowers very large and extra double.15
- 69 — **Improved Camellia-flowered Deep Blood-red.** Rich deep red, very large, double and full.15
- 70 — **Double Rose-flowered.** Very double. Splendid mixture.10
- 71 — **Double Rose-flowered.** Separate colors, white, purple and pink. Each10
- 72 — **Dwarf Spotted. Finest Mixed.**05
- 73 — **Double, Very Fine Mixed.** Rich, effective, and popular mixture.05



Centrosema Grandiflora.

No. Price per pkg.

- 78 A hardy perennial vine of exquisite beauty, blooming the first year from seed. Flowers about two inches in diameter, ranging in color from a rosy violet to a reddish purple, with a broad feathered white marking through the centre, while the large buds and back of the flowers are pure white, making a striking and beautiful contrast. Seed should be soaked in hot water before planting.. .10

Callirhoe. (A.)

Beautiful, hardy, free-flowering plants, beginning to bloom when small, and continuing throughout the summer and fall.

- 79 **Callirhoe, Pedata.** Rich purple-crimson, with white eye..... .05
80 **Involverata.** A trailing variety of great beauty; large purple-crimson flowers; desirable for hanging baskets..... .05

Calendula (See Marigolds.)

Canary Bird Flower. (A.)

- 81 A highly ornamental creeper, with exceedingly beautiful yellow fringed flowers and finely divided foliage..... .05

Candytuft. (A.)

A well-known, hardy annual, very useful for bedding and bouquets, and also for pot culture.

- 82 **Candytuft, Empress.** Strong, free-growing, with candelabra-shaped branches, producing immense trusses of pure white flowers..... .05
83 — **New Carmine.**..... .10 86 **Crimson.**..... .05
84 — **White.**..... .05 87 **Fragrant.**..... .05
85 — **Purple.**..... .05 88 **Mixed.**..... .05

Canterbury Bells. (B.)

Very ornamental, growing about two feet high, producing beautiful, large, bell-shaped flowers.

- 89 **Canterbury Bells, Blue, Single.**..... .05
90 — **White, Single.**..... .05
91 — **Double, Mixed.**..... .05

"Cup and Saucer" Canterbury Bells.

(*Campanula Calycanthema*.)

A beautiful new variety, strong growers, flowers large and handsome, similar in shape to a cup and saucer.

- 92 **Calycanthema, Striped.** Bells average three inches in length, and saucers three or four inches across; of a satiny lavender, spotted and striped with rich violet-purple..... .15
93 — **Splendid Mixed.**..... .10

Canna.

Extremely ornamental as foliage plants, their beauty is greatly enhanced by the brilliancy of the flowers, of all shades of orange, yellow, crimson and vermillion, and many varieties are beautifully spotted. If sown in February, in hot-bed or pots in the house, and transplanted early, will bloom in August. Soak the seed several hours in warm water.

- 94 **Canna, Crozy's New Hybrids.**..... .15
Saved from the most beautiful new varieties, mostly dwarf, early bloomers, and very remarkable both for beauty and size of flowers and foliage; capital class for pots and forcing.
95 — **Extra Choice, Mixed.**..... .10

Centranthus. (A.)

Exceedingly pretty, free-flowering plants, from six inches to one foot high, and very effective in bed or borders.

- 96 **Centranthus, Mixed rose and white.**..... .05

Calceolaria. (P.)

Flowers highly decorative; very desirable, indeed invaluable for the house, greenhouse and the garden. Seeds should be started in pots, but not under glass.

- 97 **Calceolaria, Tigridus.** A spotted variety, extra fine..... .25

Catchfly. (A.)

A hardy annual, about one foot high; produces brilliant flowers in great profusion in early summer.

No.

Begonia. (P.)

Price per pk g

- 74 **Begonia, Dwarf Vernon.** (See *Cut.*) A charming new variety, forming compact bushes about four inches in height, with deep brownish foliage and brilliant red flowers. Fine for bedding, blooming in the greatest profusion throughout the summer and autumn..... .15



BEGONIA, DWARF VERNON.

Tuberous Rooted Varieties. It is impossible to overestimate the value of these magnificent flowering plants. In colors ranging from pure white to deep rich crimson, they make a gorgeous display, excelling the most vivid Geraniums.

- 75 **Tuberous Rooted, Single.** Splendid Mixture..... .15
76 — **Double, Mixed.** Splendid quality, saved exclusively from a choice, rich collection..... .30
77 — **New Striped Flowered.** Flowers flaked or striped, like a carnation, comprising nearly all the colors found in the older varieties, and, in addition, a rich chrome yellow..... .40

- 98 **Catchfly, Dwarf, Double Pink.**..... .10
99 — **Mixed.**..... .05

Cineraria.

- 100 Beautiful free-flowering plants, for greenhouse and window garden. Flowers large, of rich colors, completely covering the plant with a mass of bloom. Finest mixed varieties. (See *Cut.*)..... .25
101 — **Cineraria Maritima.** An ornamental foliage plant, with large silver leaves, for beds and borders..... .05

Chrysanthemums. (A.)

Handsome, hardy annuals, producing quantities of large flowers of striking colors, making a brilliant display.

SINGLE OR "PAINTED DAISY" VARIETIES.

- 102 **Chrysanthemum, Eclipse.** Golden yellow, with scarlet ring and rich brown centre..... .05
103 — **Lord Beaconsfield.** Rich crimson-maroon, edged and striped with gold..... .05
104 — **Sultan.** A beautiful velvety maroon, with golden rim and fine dark brown centre. Very showy..... .05
105 — **Multicaule.** Four inches high, with beautiful golden-yellow flowers; very effective for bedding..... .05

DOUBLE VARIETIES.

- 106 — **Double Yellow.** Flowers globe-shaped, *extremely double*, and an intense, glowing, golden-yellow..... .05
107 — **Double Fringed, Mixed.** Flowers very double, with exquisitely fringed petals, in great diversity of colors, from white and yellow to blood-red purple..... .10
108 — **Double, Mixed Colors.**..... .05

Clarkia. (A.)

Pretty, hardy annual, about eighteen inches high, blooming from June to September.

- 109 **Clarkia, Double Carmine.** Flowers large and densely double..... .05
110 — **Single, Mixed.**..... .05

Clematis. (P.)

Beautiful hardy climbers, unrivalled for covering arbors, fences, verandas, etc.

- 111 **Clematis Cirrhosa.** A very rapid climber, literally covering itself with large bunches of white, sweet-scented flowers..... .15
112 — **Gracilens.** Very free-growing, with beautiful yellow flowers over one and a half inches broad..... .15
113 **Pitcheri.** Brilliant scarlet..... .15



CINERARIA.



DOUBLE MORNING GLORY.

No. **Clanthus Dampieri** (*Glory Pea*). (A.) Price per pkg.

- 114 Magnificent plants, with drooping clusters of large, rich, scarlet pea-shaped flowers, three inches in length. Each flower is beautifully marked with a black, cloud-like blotch. It requires a warm soil, and should be watered sparingly.... .15

Clitoria. (A.)

Free-flowering, greenhouse climbers, with large, elegant, pea-shaped flowers.

- 115 **Clitoria Caelestis.** Sky blue..... .10

Cobea Scandens. (A.)

Magnificent, rapid growing climbers with large, bell-shaped flowers, adapted for out-door growth in summer; also, for the house and greenhouse. The seeds should be started in the house, and planted edgewise.

- 116 **Cobea Scandens.** Purple..... .10
117 ——— **Alba.** A white flowered variety..... .10

Coleus. (A.)

Gorgeous colored plants, with variegated foliage, indispensable for ornamental bedding, and fine for pot culture.

- 118 **Coleus.** New, large-leaved. Selected from largest and most superbly variegated..... .20
119 — **Fine varieties.** Mixed..... .15

Collinsia. (A.)

- 120 **Collinsia.** Mixed. Beautiful hardy annuals very pretty when grown in a mass. Thin plants to three inches apart..... .05

Cockscomb. (A.)

Hardy, attractive annuals, for bedding and pot culture.

- 121 **Cockscomb Japonica.** Scarlet..... .05
122 — **Glasgow Prize.** Fine dwarf sort, with large crimson combs..... .10
123 — **Cristata Variegata.** Gold and Crimson..... .10
124 — **Crimson.** Tall, very fine (pure)..... .05
125 — **Dwarf Mixed.** Very beautiful..... .05
126 — **Feathered.** New and very fine for bouquets..... .10
127 — **Triomphe d'Exposition.** Exceedingly beautiful, bearing large feathery crimson plumes. Equally effective in groups or as single plants..... .10

Columbine. (*Aquilegia*). (P.)

A well-known, showy hardy perennial, about two feet high, blooming in May and June.

- 128 **Columbine Stuarti.** A fine variety bearing its nodding flowers of deepest blue, which often measure four inches across, on tall, graceful stems..... .15
129 — **Mixed.**..... .05
130 — **California.** Flowers waxy yellow, large and handsome.... .15

Convolvulus. (A.)

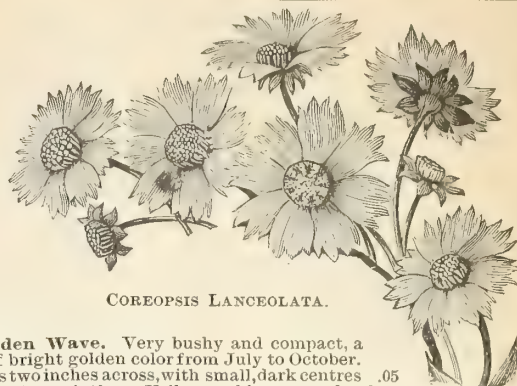
Beautiful half-hardy climbers, producing an abundance of rich colored flowers. The dwarf varieties are fine for bedding.

- 131 **Convolvulus Minor.** (Dwarf.) Mixed..... .05
132 — **Major.** (*Morning Glory*.) Fine varieties mixed..... .05
133 — **Double Flowered.** (*See cut.*) Of rapid growth and producing its double flowers very freely. Flowers white with a slight spot of blue or red at the base of the larger petals..... .10

COREOPSIS (*Calliopsis*). (A.)

One of the most showy of all annuals, the colors being so striking as seldom to be passed without remark.

- 134 **Coreopsis, Drummond's.** Yellow flowers, with crimson centre..... .05



COREOPSIS LANCEOLATA.

No.

- 135 — **Golden Wave.** Very bushy and compact, a mass of bright golden color from July to October. Flowers two inches across, with small, dark centres..... .05
136 — **Mixed Varieties.** Yellow and brown and velvety brown..... .05
137 — **Coronata Maxima.** The entire plant, stems, leaves, and flowers, is as large again as those of the old type. Splendid golden yellow flowers for cutting..... .10
138 — **Lanceolata.** (P.) The Perpetual Golden Coreopsis. Very free blooming, and lasting in its golden glory throughout the summer and fall. Unequalled for cutting. (*See cut.*)..... .10

COSMOS. (A.)

A very effective autumn flowering plant, with beautiful foliage growing from six to eight feet high, literally covered with large single, daisy-like flowers, two or three inches round, in shades of rose, purple, and white. For cutting this is one of the finest flowers grown. Sow in April in pots or in the hot-bed, and transplant one foot apart.

- 139 **Cosmos Mixed.**..... .05
140 **Cosmos.** The **Bride.** Pure White..... .10
141 **New Yellow.** This novelty is perfectly distinct in its character, growing about two feet high, is very branching, with finely divided, glossy green foliage. The flowers are from one to one and a half inches across, star shape of a rich yellow, and are produced throughout the summer till destroyed by frost..... .10

Cypress Vine. (A.)

Most beautiful and popular tender climber, with very delicate, fern-like foliage and numerous flowers.

- 142 **Cypress Vine, Scarlet.** Very brilliant..... .05
143 — **White.**..... .05

DAHLIA. (P.)

Sow the seeds early in pots or under glass, and transplant to strong, deep, rich soil, and plants will bloom the first season.

- 144 **Dahlia, Single Varieties.** Splendid mixture. Handsome bedding plants, and extensively used for cutting..... .10
145 **Dahlia, Single, Perfection or Giant.** A splendid strain, which puts into the shade all the varieties hitherto considered the finest in cultivation. The seed being gathered from the broadest petalled flowers only, reproduces them in a variety of the most splendid colors, among which are many striped sorts..... .15
146 — **Variabilis Striataflora.** A beautiful single variety, displaying the richest blending of colors, and a great many of striped, spotted, ribbioned, and dotted designs..... .10
147 — **Double, Mixed.** Seeds saved from fine named sorts..... .10
148 — **Juarez.** (*Cactus Dahlia*.) New varieties mixed. From a splendid collection..... .15

DOUBLE DAISY (*Bellis Perennis*). (P.)

Charming plants for edgings and dwarf beds. Thrive well in shady places.

- 149 **Daisy, Snowball.** (*See cut.*) Large flowered, pure white, and extremely double, with very long stems, making them valuable for cutting..... .15
150 — **Quilled, Mixed.** Flowers abundantly and in great variety of color..... .15
151 — **"Longfellow."** Flowers of unusual size, a dark rose color..... .10
152 — **Double, Mixed**..... .10

Dictanus. (*Fraxinella*). (P.)

Handsome, fragrant, free flowering, herbaceous plants, suitable for mixed borders.

- 153 **Dictanus Fraxinella.** Mixed. Two feet..... .05

Datura. (*Trumpet Flower*). (P.)

Very showy, producing large, sweet-scented, trumpet-shaped flowers. Roots should be removed to cellar in autumn.

- 154 **Datura, Wright's.** Flowers bell-shaped, of extraordinary size, white, bordered with lilac..... .05
155 — **Humillis, Double.** Double flowers of a rich golden yellow..... .05



DAISY SNOWBALL.

- No. **Delphinium.** Price per pkg.
 Flowers remarkable for their great beauty, diversity of shades, and striking appearance.
- 156 **Delphinium, Double. Pure White.** (P.)..... .10
 157 — **Formosa.** (P.) Flowers blue and white, very large and brilliant, will flower the first season from seed..... .05
 158 — **Elatum.** (P.) (*Bee Larkspur.*) Blue. Two feet..... .05
 159 — **Hybridum.** (P.) Fine mixed, splendid..... .05
 160 — **Zalil.** (P.) Sulphur yellow. Plants of branching habit bearing spikes of from forty to fifty blossoms..... .10
 161 — **"Wedding Bells."** (P.) A strain of Delphinium of great merit, including the most brilliant variety of colors, azure purple, violet, blue, and lavender..... .10



Erythrina. (P.)

- 162 A magnificent half hardy shrub, with gorgeous spikes of scarlet flowers from one to two feet long. A tropical plant growing freely out of doors if placed in a warm situation. Protect in a cool, dry cellar over winter..... .20

ESCHSCHOLTZIA.

(California Poppy.) (A.)

A very showy plant, about one foot high, blooming from June until September. Produces a brilliant effect at a distance when grown in a mass. Hardy.

- 163 **Eschscholtzia, Mandarin.** (*See cut.*) Flowers a brilliant scarlet, with the inner side of petal a rich orange..... .05
 164 — **Double White.**..... .05

- 165 — **Finest Mixed.**..... .05
 166 — **Double Mandarin.** Flowers from three to four inches across; the interior a rich orange-yellow, feathered towards the edges with lemon, the outside orange-red..... .10

Eternal Flower (*Helichrysum*). (A.)

Ornamental in the garden, and desirable for winter bouquets, as they retain their form and color for years, if gathered and dried when first open.

- 167 **Eternal Flower, "Fireball."** Rich crimson maroon..... .10
 168 — **Yellow.**..... .05
 169 — **Mixed.**..... .05

Eupatorium. (P.)

- 170 Shrubby plants, with white flowers, growing in graceful, feathery sprays..... .10

EUPHORBIA. (A.)

- 171 **Euphorbia Heterophylla.** "Mexican Fire Plant." Large, bushy plants, growing about three feet high, with very ornamental dark green leaves, which as the season advances, become blazed with deep scarlet. Sow early in pots or hot-bed, and transplant to open ground in May..... .05
 172 — **Variegata.** "Snow on the Mountains." Leaves edged with pure white..... .05

Exacum. (A.)

- 173 Clusters of violet purple flowers, with yellow anthers, most beautifully cyclamen-scented. Half hardy. Blooms incessantly through the summer, and if removed to the house will bloom freely all winter..... .15

Feverfew (*Matricaria*). (P.)

A beautiful, half-hardy perennial, well adapted for beds.

- 174 **Feverfew, Double dwarf.** Flowers large, creamy colored, and very double..... .05
 175 — **Double White.** Very fine..... .05
 176 — **Golden Feather.** Ornamental foliage plant. Desirable for vases and baskets to mix with other plants..... .05
 177 **Golden Ball.** (*See cut.*) This novelty forms a compact bush of about thirteen inches in height, covered with a multitude of quilled flowers of a very rich and intense golden-yellow..... .15

Flax. (A.)

- 178 **Flax, Crimson.** A beautiful, half hardy annual, very effective and showy for bedding purposes..... .05

Foxglove. (B.)

- 179 **Foxglove, Large-flowering.** Spotted and Mixed. Very ornamental amongst shrubbery, producing tall spikes of showy flowers of purple, rose, white, and yellow..... .05

Forget-me-not (*Myosotis*). (P.)

A very pretty little hardy perennial, about six inches high. Will thrive best in a cool, moist situation, and is well adapted for bedding or rockwork.

- 180 — **Alpine, Large-flowered.** Flowers exceeding other varieties in size; sky-blue in color, with a clearly defined yellow eye..... .10
 181 — **Blue.** The standard variety..... .05
 182 — **White.** (New.) Pure white..... .10
 183 — **"Jewell."** There is no Forget-me-not in existence which produces on a long flower stem such a perfectly formed, brilliant, sky-blue head as the "Jewell"..... .10



FEVERFEW GOLDEN BALL.

- No. **Fuchsia. (A.)** Price per pkg.

Elegant flowering plants, of easy culture, in pots or parlor decoration or the garden. In the garden they require a slightly shaded situation. Soil should be rich.

- 184 **Fuchsia, or "Ladies' Ear Drop."** Finest varieties. Mix..... .25

GAILLARDIA. (A.)

One of the most showy and brilliant of garden flowers, fine for bedding and cutting, producing large flowers of rich shades throughout the summer.

- 185 **Gaillardia, Single, Grandiflora Splendid Mixed.**..... .05
 186 — **Picta Lorenziana. Double.** Fine for bedding and cutting; flowers very double, of various shades, orange, claret, amaranth, sulphur, etc..... .05
 187 — **New Perpetual Blooming. "James Kelway."** A beautiful giant flowering Gaillardia, with magnificent flowers, of the brightest scarlet with a golden margin and fringed edges..... .10

Geranium. (A.)

- 188 **Geranium. Splendid Mixed.**..... .25

Gilia. (A.)

Early and free flowering, growing from six inches to one foot high, desirable for planting in masses or detached patches.

- 189 **Gilia, White and rose.**..... .05

Globe Amaranth. (A.)

Tender annuals about two feet high, very ornamental in the garden. The flowers will retain their beauty for a long time if gathered and dried as soon they are open.

- 190 **Globe Amaranth. Variegated and Mixed.**..... .05

GLOXINIA. (P.)

A superb class of greenhouse and indoor plants, with vigorous foliage, and producing in great profusion, elegant flowers of the richest and most beautiful colors. They are quite easily grown from seed, and deserve extensive cultivation as house plants. Sow in March, on the surface, in a warm, moist atmosphere, transplant into shallow pots when the second leaf appears. Allow plants to rest through autumn and winter, giving little water, repot in the spring, and water freely; will blossom second season.

- 191 **Gloxinia, Hybrid Grandiflora. Scarlet.** (*See cut.*) Flowers large, the edges of the petals delicately frilled. Foliage a velvety dark green, with silvery-white venations..... .35
 192 — **Grandiflora. Mixed.**..... .35



GLOXINIA, SCARLET.

Godetia. (A.)

Very attractive, hardy annuals, about one foot high. Flowers of a beautiful satiny texture.

- 193 **Godetia. White Pearl.** New dwarf, pure satiny white variety. On account of its very regular compact growth it is best adapted for beds or ribboning..... .10
 194 — **Lady Albemarle.** Brilliant dark crimson, very effective.. .10
 195 — **Finest Mixed.**..... .05

Grasses, Ornamental.

Very desirable for bouquets, both for summer and winter. For winter use, cut about the time of flowering, tie up in small bunches, and dry in the shade.

- 196 **Grass, Ornamental, "Job's Tears."** (A.) This well-known variety of tropical grass is so called from the appearance of its shiny, pearly fruit, which resembles a falling tear. Half hardy..... .05
 197 — **Quaking.** (A.) A graceful shaking grass, very elegant in bouquets..... .05
 198 — **Pampas.** (P.) The most stately and magnificent ornamental grass in cultivation, producing numerous long, silken plumes of flowers. Flowers the second season; cover carefully during winter..... .10

- Gypsophila.** Price per pkg.
Elegant, free-flowering little plants, succeeding in any soil. Well adapted to rock work and edging.
- 199 **Gypsophila Paniculata.** (P.) Remarkably hardy, dwarf plant, covering itself with small white flowers. .05
- 200 **Muralis.** (A.) Beautiful starry pink and white flowers. Very fine for hanging baskets. .05
- Hawkweed (Crepis).** (A.)
- 201 **Hawkweed. Mixed.** A class of attractive, hardy annuals, one foot high, of easy culture. .05
- Hibiscus.**
- 202 **Hibiscus Africanus.** (A.) A showy and beautiful hardy annual, eighteen inches high, blooming from June to September. .05
- 203 **New Perennial Hibiscus. Crimson Eye.** (P.) (See cut, page 65.) This elegant strain of Hibiscus is a robust grower, with dark red stems and foliage. Flowers immense in size, often measuring twenty inches in circumference; of the purest white, with a large spot of deep velvety crimson in the centre of each flower. It will succeed anywhere, and is perfectly hardy. (See Shrubs) .10
- Heliotrope.** (A.)
- 204 **Heliotrope. Mixed.** Well known, deliciously fragrant plants, excellent for bedding purposes or pot culture. .10
- Helipterum.** (A.)
- 205 **Helipterum Sanfordi.** A variety of everlasting flowers, of great beauty; of dwarf, tufted habit; producing large, globular clusters of bright, golden-yellow flowers. .10
- Hollyhocks.** (P.)
- Seeds should be sown in June or July to have flowering plants the next summer; or, if sown in the house early in spring, they will bloom the first year.
- 206 **Hollyhocks, Chater's Improved Double. Mixed.** .10
- 207 **Snow White.** .15
- 208 **Sulphur Yellow.** .15
- 209 **Rose.** .15
- 210 **Royal Purple.** .15
- Seed saved from one of the finest collections, and will produce very large double flowers, of striking beauty.
- 211 **Tall Double. Mixed.** A great improvement on the old variety. .05
- Honesty (Lunaria).** (B.)
- 212 **Honesty.** Blooms in May and June. The flowers are succeeded by singular seed vessels, that are quite ornamental, and may be kept for a long time. .05
- Humulus.** (A.)
- 213 **Humulus Japonicus.** (Japan Hop.) A climbing hop of very rapid growth, with luxuriant foliage, making a dense, covering; beautiful when planted singly and sufficiently supported; also suitable for covering trellises, etc. .5
- 214 **Variegatis.** Very attractive variety, with leaves beautifully blotched and variegated with silvery white, yellowish-green and dark green. As hardy and of the same rapid, vigorous growth as the green-leaved variety. .10
- Ice Plant.** (A.)
- 215 **Ice Plant.** A singular-looking, tender annual, with thick, fleshy leaves that have the appearance of being covered with crystals of ice. .05
- Impatiens.**
(Sultan's Balsams.) (P.)
- 216 **Impatiens.** A perennial balsam of compact growth, producing almost continuously charming, bright, rose-colored flowers. .15
- IPOMEA.** (A.)
- Very beautiful and popular climbers: deservedly so from the fine foliage and the brilliant and varied hues of its many flowers. Fine for covering old walls, stumps of trees, etc.
- 217 **Ipomea Atroviolacea.** Violet, bordered white. .10
- 218 **Bona Nox.** (Evening Glory.) Allied with the Morning Glory, but differs from it, choosing the evening for its time for blooming. Flower pure white, deliciously fragrant and very large. Soak seed in hot water several hours before planting. .10
- 219 **Coccinea.** (Star Ipomea.) Bright scarlet. .05
- 220 **Mexicana Grandiflora Alba.** Large white flowers with a delicious fragrance. .10
- 221 **Ipomea, Large-flowering. Mixed.** .10
- Ipomopsis.** (B.)
- 222 **Ipomopsis.** Most beautiful plants, with spikes of dazzling flowers. .05
- Jacoea (Senecio).** (A.)
- A very gay-colored, showy class of hardy plants; very effective for bedding. Grow about one foot high.
- 223 **Jacoea, Double. Mixed.** .05
- Lantana.** (P.)
- 224 **Lantana.** This showy greenhouse plant will succeed finely in any garden soil. It forms a small bush, covering itself with pink, yellow and orange flowers, and also flowers of changeable color. Start in the house. Fine varieties mixed. .10
- Lavender.** (P.)
- 225 **Lavender.** This herb we consider desirable for the flower garden, from the pleasing fragrance of its leaves. .05
- Leptosiphon.** (A.)
- Desirable for edgings; very beautiful, with their numerous



- LINARIA CYMBALARIA.** Price per pkg.
and many colored flowers; also suitable for rock work, and nice for pot plants; succeed in any light, rich soil. Hardy.
- 226 **Leptosiphon. Mixed.** Colors dark maroon, orange, lilac, purple, crimson, violet, golden-yellow and white. .05
- LARKSPUR.**
- Very beautiful, hardy annuals, producing dense spikes of flowers, which are very decorative, either in the garden or when cut for vases. Set ten inches apart.
- 227 **Larkspur, Stock-flowered, Rosy Scarlet.** Flowers very double, of a bright, rosy scarlet. .10
- 228 **Stock-flowered. Tall branching; finest mixed.** .05
- 229 **Emperor, Double. Finest Mixed.** Very beautiful variety, producing long spikes of flowers in the most delicate colors. .05
- 230 **Giant Hyacinth-flowered.** A much improved type of this fine variety. .05
- 231 **Tall Rocket, Double. Mixed.** Plants large and showy. .05
- 232 **Dwarf Rocket, Double. Mixed.** .05
- Linaria Cymbalaria, White.** (See Cut.) (P.)
- 233 **Linaria Cymbalaria, White.** Very pretty new variety of the trailing "Kenilworth Ivy," with light green, glossy foliage and pure white flowers. Fine for covering rock work or for hanging baskets, thriving equally as well in the shade as in the full sun. .15
- Lophospermum Hendersoni.** (A.)
- 234 **Lophospermum Hendersoni.** An exceedingly elegant and highly ornamental climber, with large and handsome Foxglove-like flowers of rosy carmine; very effective for conservatory and garden decoration, and also for hanging baskets. .10
- Love-in-a-Mist (Nigella).** (A.)
- 235 **Love-in-a-Mist.** A curious plant about one foot high, with finely cut leaves and singular flowers. .05
- Love-lies-bleeding (Amaranthus Caudatus).** (A.)
- 236 **Love-lies-bleeding.** A hardy annual, three to four feet high, with pendant spikes of blood-red flowers. Desirable for grouping on lawns. .05



NASTURTIUM, HYBRID OF MME. GUNTER. (For description see page 58.)

- No. Lobelia. (A.)** Price per pkg.
Strikingly pretty, profuse blossoming plants; the delicate, drooping habit of the
Erinus varieties renders them fine for hanging baskets, while the compact sorts,
forming little mounds of bloom, are splendid for beds, edgings, etc.
- 237 **Lobelia Erinus, Mixed.** Blue, white, and blue and white marbled..... .05
238 — **Double.** Mixed. An acquisition..... .10
239 — **Compacta, Crystal Palace. Dark Blue.** The finest for edgings and carpet
bedding..... .10
240 — **Golden Queen.** Golden-yellow foliage and brilliant, blue flowers..... .15
241 — **Prima Donna. Velvety Maroon.** Distinct and fine..... .10

- Lupins. (P.)**
242 **Lupins, Mixed.** Showy, hardy plants, from two to three feet high, producing
tall spikes of attractive flowers..... .05

- Lychnis. (P.)**
243 **Lychnis Haageana Hybrids, Mixed.** Very handsome, ornamental plants of
bushy habit, with large flowers, from the brightest scarlet to blood-red, purple,
orange and white..... .10

- Marvel of Peru (Mirabilis). (A.)**
244 The old and well-known *Four O'Clock*. A fine plant, with flowers of various colors,
making a fine summer hedge set one foot apart..... .05

MARIGOLD (Tagetes). (A.)

- Extremely showy, one to two feet high, well adapted to garden culture, blooming
profusely through the season.
- 245 **Marigold, French ("Carter's Butterfly").** A beautiful variety, with alternate
petals of velvety purple-brown and old gold..... .10
246 — **Legion of Honor. (See Cut.)** This charming new Marigold grows very
regularly, and only about eight inches high, and blooms uninterruptedly from
July until frost. Flowers single, of a beautiful, rich golden-yellow, with large
blotches of velvety brown, resembling a cross of honor..... .10
247 — **African (El Dorado).** The finest strain of African Marigold yet offered.
Flowers three inches in diameter, in all shades of yellow—lemon, primrose, gold
and deep orange..... .05
248 — **Calendula, Prince of Orange.** Flowers striped with an
intense, glowing shade of orange..... .05
249 — **Meteor.** Cream white, edged with orange..... .05
250 — **Large-flowered.** Flowers dark orange-red, very large
and remarkably double..... .10
251 — **African.**..... .05
252 **French.**..... .05
253 **Gold Striped.**..... .05

- Maurandia. (A.)**
A delicate, free-flowering climber, for the conservatory or
trellis work in the garden; also desirable for hanging baskets.
Start early in pots, transplant when weather becomes warm.
- 254 **Maurandia, Barclayana. Rich Violet.**..... .05
255 — **Mixed. Violet, white, rose and pink.**..... .10

- Mignonette. (A.)**
A general favorite, on account of its delightful fragrance.
Blooms throughout the season. Sow from middle of April to mid-
dle of June. Mignonette is most fragrant on poor soil.
- 256 **Mignonette, Myles' Hybrid Spiral.** Plant dwarf and branch-
ing; flowers white and very fragrant, spikes eight to fourteen
inches long. Fine for either out-door or pot culture..... .10
257 — **Machet.** Plants dwarf and vigorous, of pyramidal growth,
with broad spikes of very fragrant red flowers. The best sort
for pot culture, and equally valuable for borders..... .10
258 — **Allen's Defiance.** Spikes of remarkable size, and deli-
ciously fragrant, much more so than any other variety, and
they retain their grace and fragrance until every bud opens.... .25
259 **Mignonette, Golden Queen.** A distinct dwarf yellow-flowered
variety..... .10
260 — **Sweet.**..... .05
261 — **Victoria.** Flowers unusually brilliant and large..... .10
262 — **Golden Gem.** Plants of dwarf regular pyramidal growth,
producing in great abundance beautifully formed spikes of
golden-yellow flowers..... .15



NASTURTIUM, PRINCE HENRY.



MARIGOLD, LEGION OF HONOR.

- No. Morning Glory. (See Convolvulus Major.)** Price per pkg.

- MIMULUS (Monkey Flower). (P.)**
A half-hardy plant, of the easiest culture, about nine inches
high, producing a profusion of very pretty flowers. It is perennial
in the green-house, and may be easily propagated by cuttings.
Select a moist, rather shaded location.
- 263 **Mimulus, Cardinalis. Scarlet.** From California; one foot.. .05
264 — **Hybridus.** Splendidly spotted and marbled, rivaling the
Calceolaria in the variety of its brilliant colors..... .10
265 — **Moschatum (Musk Plant)**..... .05
Much esteemed for the strong musk odor of its leaves.

- Mourning Bride (Scabiosa). (A.)**
A class of very pretty annuals, from one to two feet high, suit-
able for bedding or bouquets. Hardy.
- 266 **Mourning Bride, Snowball. Pure white.** Very large and
extremely double; fine for cutting..... .10
267 — **Golden.** Golden-yellow, flowers scarlet and dark purple
..... .05
268 — **Flesh-colored.** New and lovely tint..... .05
269 — **Mixed.**..... .05
270 — **Cherry Color. Double.**..... .05
271 — **Double, Golden Yellow.** Plants semi-dwarf and
bushy, producing in great profusion compact double flowers,
of a very fine golden-yellow..... .10

NASTURTIUM. (A.)

- TALL VARIETIES.**
- 272 **Nasturtium, Tall, Mixed.**..... .15 .05
273 — **Black-brown.**..... .20 .05
274 — **Scheuerianum. Straw-colored, striped brown**..... .25 .05
275 — **Coccineum. Brilliant scarlet.**..... .25 .05
276 — **Dunnett's. Orange.**..... .25 .05
277 — **Atropurpurea. Dark blood crimson.**..... .25 .05
278 — **King Theodore. Maroon**..... .30 .05
279 — **Brownish lilac.**..... .25 .05

- DWARF VARIETIES.**
- 280 **Nasturtium, Dwarf, Mixed.**..... .20 .05
281 — **Prince Henry. (See Cut.)** Flowers very large, of a beau-
tiful yellow, marbled and spotted with brilliant crimson, and fre-
quently tipped with dark red. Plants grow very bushy, literally
covered with flowers from early summer until frost..... .30 .10
282 — **Ruby King. Carmine.**..... .30 .05
283 — **Spotted King. Yellow, spotted chocolate.**..... .25 .05
284 — **Empress of India. Brilliant scarlet. Dark foliage.**..... .30 .10
285 — **Cloth of Gold. Golden foliage, flowers scarlet.**..... .30 .10
286 — **Chameleon. Crimson, Bronze and Yellow.**..... .30 .10
287 — **Rose.**..... .25 .05
288 — **Yellow.**..... .25 .05
289 — **White.**..... .25 .05
290 — **King of Tom Thumbs. Scarlet, with bluish-green foliage**..... .25 .05
291 — **Madame Gunter. (See Cut page 57.)** Remarkable for
great richness of color in shades of rose, salmon, bright red and pale
yellow; also spotted and striped..... .10

- Lobb's Nasturtium. (Tall.)**
Leaves and flowers not as large as the ordinary tall Nasturtium, but
far surpassing them in profusion and brilliancy of flower, making them
desirable for trellises, etc.; also fine for pot culture.
- 292 **Lobb's Nasturtium. Mixed. In great variety of colors.**..... .10

- Nolana. (A.)**
Very pretty trailing, hardy annuals, fine for rockwork, hanging
baskets, or for bedding.
- 293 **Nolana. Mixed.**..... .05

- Nirembergia. (P.)**
These charming little plants are exceedingly valuable for hanging
baskets, rustic vases and edgings.
- 294 **Nirembergia Gracilis.** If sown early, will bloom the first year..... .05



FIERY FACES.

No. **Oxalis.** (P.) Price per pkg.

A splendid class of plants, suitable for hanging pots or rustic baskets. Particularly adapted for the parlor, where they bloom in midwinter. Half hardy.

- 295 **Oxalis Rosea.** Rose-colored flowers; blooms abundantly.... .05
 296 — **Tropæoloides.** Deep Yellow flowers, with brown leaves. .05

Oxlip. (A.)

- 297 **Oxlip.** Mixed. Sweet scented. Of beautiful colors..... .15

PANSY (*Heart's-ease*). (B.)

- 298 **Pansy, Carter's Peacock.** A beautiful and striking variety. The upper petals of the flowers are of a beautiful ultramarine, closely resembling the peculiar shade of this color in the feathers of the peacock..... .15
 299 — **Fiery Faces.** (See *Cut*.) Color purple-scarlet, with yellow margin and yellow eye. The three lower petals are regularly marked with large velvety purple-black spots..... .20
 300 — **Woodbury's Finest German.** Mixed. Spotted, marbled and striped. Unsurpassed in their almost endless variety of shades and brilliant coloring..... .15
 301 — **Cardinal.** The nearest approach to a bright red yet attained. Flowers of brownish scarlet, with dark spots on the three lower petals; very showy..... .10
 302 — **Cassier's Giant.** Gigantic flowers, beautifully blotched, and borne well above the foliage on strong stems. A rich and showy strain..... .25



PETUNIA HYBRIDA, LARGE-FLOWERING.

- | No. | | Price per pkg. |
|-----|--|----------------|
| 303 | Pansy, Giant Yellow. Spotted. A new and distinct variety of the five-blotched Cassier tribe; flowers very large, of a pure golden-yellow, with a dark blotch on each petal..... | .20 |
| 304 | — Bugnot's Superb Blotched. Very beautiful, extra large flowers, with broad blotches; two upper petals finely lined..... | .25 |
| 305 | — International Paris. A superb strain, comprising magnificent varieties. Selected as being the best exhibited in the grounds of the Paris exhibition..... | .10 |
| 306 | — "Lord Beaconsfield." Color purple-violet, shading off in the top petals to a whitish hue, giving the flower an unusually bright and striking appearance..... | .05 |
| 307 | — Odier, or Five Blotched. A beautiful prize Pansy of great variety of color and markings, each petal being most beautifully blotched or marked..... | .10 |
| 308 | — Emperor William. Flowers of a rich ultramarine blue.... | .10 |
| 309 | — Trimardeau, or Giant Pansies. Mixed. Distinct and splendid race, of vigorous and compact growth. Flowers of perfect form and immense size. Extra fine strain..... | .15 |
| 310 | — Trimardeau Striped. Extra large flowering. New; <i>very fine</i> | .15 |
| 311 | — Trimardeau, Giant Yellow. New, with large black eye. Very beautiful, and remarkably showy..... | .20 |
| 312 | — Pure white | .10 |
| 313 | — King of Blacks. Deep coal black..... | .05 |
| 314 | — Bronze colored | .10 |
| 315 | — Gold margined | .10 |
| 316 | — Fine Mixed | .05 |
| 317 | — Extra choice mixed | .10 |
| 318 | — Gregory's A 1 Mixture. This contains selections from the very best varieties..... | .20 |

Passion Flower.

Handsome, rapid-growing climber, for greenhouse or sunny location in the open ground in summer.

- 319 **Passiflora Cœrulea Grandiflora.** Large flowers of violet and blue..... .10



MOURNING CLOAK PINK.

Perilla Nankinensis. (A.)

- 320 Beautiful dark green foliage, fine for ribbon planting or massing. .05

PETUNIA. (P.)

For brilliancy and variety of colors, and the long duration of their blooming period, Petunias are indispensable in any garden; also highly prized for pot culture.

- 321 **Petunia, Large-flowering, yellow throated. Mixed.** The flowers are of large size, of faultless form, with a broad and deep yellow throat, beautifully veined..... .25
 322 — **Superbissima Nigra.** Gorgeous dark red flowers, with large jet black throat. Very fine..... .20
 323 — **Hybrida, Large-flowering Striped. Fringed.** (See *Cut*.) Splendid large-flowering Petunias, most of them dazzling red or purple, and all striped with white, which gives them a peculiarly striking aspect. They are absolutely distinct from the striped Petunias hitherto known.... .20
 324 — **Vilmorin's Hybrid Large-flowering Striped.** Flowers beautifully striped, variegated and spotted. Remarkable for rich colors and large size..... .15
 325 — **Steel-blue, veined.** Fine, large-flowering variety, of a new and very handsome color, bright steel-blue, beautifully veined. .25
 326 — **Fringed.** Satiny white, blotched with purplish crimson.... .15
 327 — **Fringed and veined.** Rose, veined with black..... .15
 328 — **Fringed.** Largest flowered, mixed in great variety..... .15
 329 — **Fine Mixed**..... .05
 330 — **Extra Choice Mixed**..... .10

Phaseolus. (A.)

- 331 **Phaseolus Caracalla.** A beautiful climber for the garden or greenhouse. Flowers bluish lilac, valued by florists for their delicious fragrance and resemblance to Orchids. Start seed early, in pots or under glass..... .05

- No. **PHLOX DRUMMONDII.** (A.) Price per pkg.
In its great variety of rich colors, probably the most brilliant of all annuals.
Fine for bedding, making a dazzling show throughout the entire season.

332 **Phlox Drummondii.** Mixed Colors.....per oz., .50 .05

Large-flowering Varieties.

- Magnificent class. Flowers as large as those of the perennial Phloxes.
- | | | | |
|-------------------------|-----|---------------------------------|-----|
| 333 White..... | .10 | 336 Yellow..... | .10 |
| 334 Deep Purple..... | .10 | 337 Large-flowering. Mixed..... | .10 |
| 335 Bright Scarlet..... | .10 | | |

Dwarf Varieties.

- | | | | |
|--------------------------------------|-----|-----------------------------|-----|
| 338 Fireball. Very Brilliant..... | .10 | 341 Heynholdi. Mixed. Very | |
| 339 Violet, with large white eye.... | .10 | dwarf and compact; fine for | |
| 340 Snowball. Fine White..... | .10 | pot culture..... | .10 |

Fimbriata.

- 342 Petals toothed, beautifully fringed and distinctly margined with white. Mixed colors .15

New Star Phlox (*Cuspidata*). (See Cut.)

- 343 The flowers of this new sort, with their long pointed petals and broad white margins, have a beautiful star-like appearance. Many and wonderfully brilliant colors mixed..... .10

Semi-Double.

- Valuable for cutting. Should be sown in a light soil to produce the best flowers.
- | | |
|--|-----|
| 344 Yellow. Beautiful yellow variety, possessing a slight perfume..... | .15 |
| 345 Mixed. Fine mixture of white, scarlet, purple, rose, violet and rosy marbled.... | .15 |

Phlox Discussata (*Hardy Perennial*).

- 346 Choice Mixed Varieties. Extra Fine..... .10

PINKS.

These favorite flowers are unrivalled for brilliancy and variety of color. Very showy for bedding, bordering, etc.

- 347 **Pink Carnation, Therese Franco.** (P.) Plants robust and compact. Flowers upright, perfectly double, very fragrant; of a beautiful satiny rose, frosted with white, flushed with salmon, and sometimes striped and lined with pure white. We highly recommend this variety to florists..... .20

- 348 — **Carnation.** (P.) Double Finest. Mixed. Color extremely rich and beautiful. Seed saved from choice collection..... .15

- 349 — **Picotée.** (P.) Choicest Varieties. Mixed. Very beautiful, combining the most perfect form with the richest of colors20

- 350 — **Jean Sisley.** (P.) Double salmon yellow. Package of twelve seeds..... .15

- 351 — **Margaret Carnation. Mixed.** (See Cut.) (A Carnation that blooms in summer from seed sown early in the spring.) The plants of this new Carnation are very compact, do not require support, and are most abundant bloomers. The flowers are deliciously fragrant, very double, of brilliant colors, ranging through many beautiful shades of reds, pinks, whites, variegations, etc. The seedlings bloom when only four months old, and flowers can be had all summer and winter, if some consecutive sowings are made. This Carnation is deservedly growing in favor year by year..... .10



SHIRLEY POPPIES.

- | | |
|---|-----|
| 357 — Laciniatus, Finest Double. Mixed. Magnificent double flowers; very large and beautifully fringed. Seed saved only from the finest flowers..... | .10 |
| 358 — Heddewig's Double. Mixed. Large flowers, three inches in diameter: beautiful, rich colors, finely marked and marbled..... | .05 |
| 359 — Chinese. Finest Double. Mixed. | .05 |
| 360 — Double Diadem. Very fine double flowers, magnificent in colors, beautifully edged and marbled..... | .10 |
| 361 — Double Imperial. Snowball. Charming double fringed flowers of purest white..... | .05 |
| 362 — Eastern Queen. Very large single flowers, beautifully fringed and marbled with light and dark mauve..... | .05 |
| 363 — Crimson Belle. Magnificent single fringed flowers of a velvety crimson.... | .05 |
| 364 — The Bride. (<i>Little Gem</i> .) White, with deep purplish-red centre. Large single flowers nicely fringed..... | .10 |
| 365 — Double Fringed and Striped. Mixed. | .05 |

POPPY. (A.)

- 366 **Poppy, Glaucum.** (*Tulip Poppy*.) From a mere description, no adequate idea can be formed of the strikingly beautiful effect produced by a bed of these brilliant scarlet poppies in full bloom, the color being of such glowing richness as to perfectly dazzle the eye..... .10
- 367 — **English Scarlet.** The common field Poppy of England..... .05
- 368 — **White Swan.** Flowers of fabulous size, very double, lacinated, beautifully shaped and of the purest possible white, and continues longer in bloom than other Poppies..... .10
- 369 — **Umbrosum.** Very fine, with flowers of a brilliant deep scarlet, marked with four large black spots..... .10
- 370 — **Double. Mixed.** Brilliant and showy; about two feet high; fine for background and shrubbery..... .05
- 371 — **Fairy Blush.** Immense globular flowers; perfectly double, petals elegantly fringed; color pure white, tipped with rose..... .10
- 372 — **"Danebrog."** The flowers are of a brilliant scarlet color, bearing on each of the four petals a large silvery-white spot, forming thus a white cross on scarlet ground, similar to the Danish or Swiss national banners..... .10
- 373 — **Croceum.** (P.) Orange-yellow, large and very double..... .10
- 374 **The Shirley Poppies.** (See Cut.) A beautiful new strain of annual Poppies. Flowers single and semi-double, in colors extending from pure white through the most delicate shades of pink, rose and carmine to deepest crimson, and many are most delicately edged, shaded and striped..... .10
- 375 **Iceland Poppies.** Flowers deliciously fragrant, ranging in color from pure white and yellow to glowing orange and scarlet, flowering in great abundance the first year from seed..... .10



NEW STAR PHLOX.

No. Price per pkg.

- 352 **Pink Margaret, Rose.**..... .10
353 — **Margaret, White.**..... .15
354 — **New "Guillaud." Mixed.**

Flowers are very large, of perfect shape, very fragrant, and last a long time either cut or on the plants; and, making this strain still more valuable, they contain flowers of clear yellow and others with yellow stripes. Equally adapted for open ground or pot culture..... .15

Summer Blooming Varieties.

- 355 — **Pink (Laciniatus) Salmon Queen.** Flowers well formed, beautifully fringed and of the most brilliant salmon color imaginable, changing into salmon-rose when fading..... .10

- 356 — **Mourning Cloak.** (See Cut.) Very beautiful, with large double flowers of a blackish purple, fringed and sharply margined with white..... .05



MARGARET CARNATION.

- No. **Portulaca. (A.)** Price per pkg.
 Sow early in warm, light soil, and thin plants to four inches.
- 376 **Portulaca, Scarlet**..... .05
 377 — **Crimson**..... .05
 378 — **Mixed**..... per oz., .40
 379 — **White**..... .05
 280 — **Yellow**..... .05
 381 — **Large-flowered, Double**..... .05

Primula. (P.)

Beautiful low-growing, spring-flowering plants, for borders or pot culture. The flowers are borne in clusters on stalks four to eight inches high. The English Primrose is perfectly hardy, but the other varieties should be protected over winter.

- 382 **Primula Sinensis. (Chinese Primrose.)** Splendid mixed..... .20
 383 — **Auricula.** Flowers very fragrant, of rich colors, each having a clear white or light-colored eye. Finest varieties mixed from named flowers..... .15
 384 — **Vulgaris. (English Primrose.)** The old favorite yellow Primrose.... .05
 385 — **Elatior. Mixed. (Polyanthus.)** Early blooming, for spring beds or pot culture..... .10

Pyrethrum Roseum. (P.)

- 386 **Pyrethrum Roseum.** The flowers, gathered, dried and pulverized, form the true "Persian Insect Powder," so much in demand..... .05

Ricinus (Castor Oil Plant.) (A.)

A highly ornamental, half hardy annual, growing from four to six feet high, presenting quite a tropical appearance. Select warm, dry soil, and plant six feet apart.

- 387 **Ricinus, Finest Mixed**..... .05
 388 — **Zanzibariensis. (Zanzibar Castor Beans.) (See Cut.)** The plants of this new and distinct class attain great dimensions, presenting a splendid aspect with their gigantic leaves, which range from brilliant coppery-bronze to light and dark green; the ribs also are of bright colors, making a beautiful contrast with the leaves..... .10

RODANTHE. (A.)

A beautiful and charming everlasting flower. The flowers, when gathered as soon as they are opened, are very desirable for winter bouquets, retaining their brilliancy months.

- 389 **Rodanthe, Double White.** Pure white, double variety..... .10
 390 — **Maculata, Single. Mixed**..... .05

The Little Daisy, Fairy or Midget Roses.

(Roser Multiflora Nain Remontant.)

Roses that bloom freely the first season from seed.

- 391 **Dwarf bushy plants**, about ten inches high, hardy and of easy cultivation; belonging to the Polyantha or many-flowered class. The flowers are only about an inch across, growing in clusters, and are double, semi-double and single, displaying almost all the shades known in cultivated roses. The plants commence blooming in a few weeks after the seed is sown, but their beauty increases the second and following years..... .25

Salpiglossis Grandiflora, Mixed. (A.)

- 392 **Flowers from two to three inches in diameter**, most vividly marked, spotted and striped on ground colors of deep blue, rose, violet, yellow, reddish-bronze, purple, etc. In rich coloring they vie with Orchids. Very effective in the sunlight, which brings out the beautiful tints and veinings. Start early in hot-bed, and transplant to light, warm, rich soil..... .10

Salvia. (A.)

Very ornamental plants, two feet high, producing tall spikes of gay flowers. Sow early in hot-bed, and transplant two feet apart. Half hardy.

- 393 **Salvia Grandiflora Bicolor.** Foliage variegated with white; flowers white and rose, with scarlet tip..... .05
 394 — **Mixed**..... .05
 395 — **Coccinea.** Splendid scarlet..... .10

Sanvitalia. (A.)

Beautiful dwarf-growing, free-flowering plants, of great value for beds and masses of low growth.

- 396 **Sanvitalia, Double.** Covered with dense masses of perfectly double golden flowers..... .05

Schizanthus. (A.)

- 397 **Tender annuals**, with delicately colored fringed flowers, suitable for garden or pot culture; fine mixed..... .05

Sensitive Plant.

(Mimosa Sensitive.) (A.)

- 398 **A pretty, curious plant**, being so sensitive that the leaves close together by the slightest touch..... .05



RICINUS ZANZIBARIENSIS.

- No. **Smilax. (P.)** Price per pkg.

- 399 **There is no climbing plant in cultivation that surpasses this in beauty and grace, and habit of foliage.** Extensively used for bouquets and floral decorations..... .05

Snapdragon (Antirrhinum). (P.)

An old garden favorite of easiest culture; very showy, flowering the first season from seed, and yielding an abundance of fine flowers for cutting.

- 400 **Snapdragon, Tall. Mixed**..... .05
 401 — **Majas Nanum Picturatum. A** semi-dwarf sort in great variety of colors; most beautifully blotched.... .05
 402 — **Queen of the North.** A snow-white, large-flowering variety, of unrivalled beauty..... .10

Stocks.

Half hardy annuals, producing splendid spikes of very rich and beautiful flowers, of delightful fragrance. For early flowering sow early in spring, in pots or in the hot-bed, and transplant one foot apart. Bloom from June until November.

- 403 **Stocks, Princess Alice.** Snow white. This variety, also known as "Cut and Come Again" and "White Perfection," grows about two feet high, is of very branching habit, and if sown early will produce from June until November a great abundance of very large, beautiful, pure white flowers, which are replaced as they are cut.... .10
 404 — **Victoria, Ten Weeks. (Deep blood-red.)** Every plant forms a perfect pyramidal-shaped bouquet, completely covered with beautiful, bright, fine double flowers..... .10
 405 — **Ten Weeks, Princess May.** The earliest flowering Stock. Dark glossy-green foliage, with beautiful trusses of very large flowers of a delicate light yellow..... .10
 406 — **Dwarf German. Finest Mixed**..... .05
 407 — **Ten Weeks, Double. Mixed**..... .05
 408 — **Dwarf, Large-flowering. Finest Mixed.** Very double. One of the finest Stocks in cultivation..... .10

Sunflower (Helianthus). (A.)

Well known hardy annuals, with large, showy flowers.

- 409 **Sunflower, "Thousand Flowered."** This new Sunflower attains a height of from twelve to fifteen feet; is richly branched from base to summit, each branch bearing a multitude of medium-sized golden-yellow flowers, with small black centres. Planted singly on lawns or in the garden it is very effective.... .10
 410 — **Sulphur-yellow.** A beautiful variety, growing about five feet high; flowers of a delicate sulphur-yellow, with black centres.... .05
 411 — **Texas Silver Queen.** A marvel when in full bloom, forming perfect pyramids, literally covered with flowers, which contrast strikingly with the silver-gray foliage..... .05
 412 — **Dwarf Double.** Very ornamental, growing about four feet, and producing large double flowers..... .05

Swan River Daisy (Brachycone). (A.)

- 413 **Very pretty free-flowering, dwarf-growing annuals**, well adapted to edgings, rustic baskets, or for pot culture..... .05

Sweet Clover. (A.)

- 414 **Sweet Clover.** Valuable for its fragrance..... .05

Sweet Sultan (Centaurea). (A.)

Very showy, one to two feet high, succeeding well in any soil.

- 415 **Sweet Sultan. Mixed**..... .05
 416 — **Yellow.** The most beautiful Sweet Sultan. Flowers remarkably long-lived, very fragrant, and golden in color.. .05

Sweet William. (P.)

Well known, beautiful, hardy perennials, about one foot high, making a most splendid appearance in May and June.

- 417 **Sweet William, Single. Mixed**..... .05
 418 — **Doubled. Mixed**..... .10
 419 — **Auricular Eyd**..... .05

Thunbergia. (A.)

Very ornamental trailing or climbing half hardy annuals, admirably adapted for trellises or rustic work, or for the conservatory. A great acquisition for hanging baskets.

- 420 **Thunbergia. Mixed.** Flowers white and salmon, with rich maroon centres..... .05

Tritoma Uvaria. (P.)

(Red Hot Poker Plant.)

- 421 **A splendid evergreen perennial**, producing flower stems four or five feet in height, surmounted with spikes of red and yellow flowers. Remove the plants to the cellar in autumn..... .10



SINGLE ANNUAL WALLFLOWER.

No.

SWEET PEAS.

Price per pkg.

These well known universal favorites have been much improved, the last few years, in size and variety of colors, and for beauty and fragrance cannot be surpassed, embracing, as they do, every shade of color most delicately tinged and variegated. Sow in drills as early as possible in the spring in rich soil. Make a furrow six inches deep, sow the seed and cover about two inches. As soon as the plants begin to show, fill in the furrow. This deep planting will enable the vines to stand the heat of summer. By cutting the flowers before they fade, thus preventing pods from forming, the blossoms may be continued the whole season.

- 422 Sweet Peas. *Emily Henderson*. Flowers extra large, very fragrant, and absolutely pure white. Unexcelled in earliness and long-continued bloom. . . 1 lb., 20c.; per oz., 8c. .05
- 423 — *Extra Early Blanche Ferry*. (New.) Large pink and white flowers; ten days earlier than any other variety. . . 1 lb., 20c.; per oz., 8c. .05
- 424 — *Pure White*. . . per oz., 10c. .05
- 425 — *Purple Prince*. Standard purple-blue, wings maroon. . . per oz., 10c. .05
- 426 — *Invincible Scarlet*. Flowers very large, of intense scarlet pink; the most brilliant variety produced. . . 1 lb., 20c.; per oz., 8c. .05
- 427 — *Painted Lady*. Pink and white. . . 1 lb., 20c.; per oz., 8c. .05
- 428 — *Striped*. Dark red, crimson and rose, striped with white. . . per oz., 10c. .05
- 429 — *Celestial*. Delicate azure blue. . . 15
- 430 — *Daybreak*. White veined, and mottled with scarlet. . . 10
- 431 — *Gray Friar*. Light gray; distinct. . . 10
- 432 — *Oddity*. Pale carmine, edged with rose. . . 10
- 433 — *Rapuna*. Creamy white, flaked with soft pink. . . 10
- 434 — *Cupid*. Dwarf white. We find nothing in this of value beyond the curiosity of being dwarf. It is hard to vegetate wholly. The flowers are insignificant, with stems too short for bouquet, and usually one flower drops from the stem before the others open. . . per oz., 35c. .15
- 435 — *All Colors Mixed*. In this mixture will be found the finest varieties. Per lb., express, 32c.; per lb., postpaid, 40c.; per 1/4 lb., 12c.; per oz., 6c.

Eckford's Large-flowering Hybrids.

Much larger than the ordinary varieties, and presenting many beautiful combinations of markings and colors.

- 436 — *Gaiety*. Blush-white flowers, striped and flaked with rose and lilac. . . per oz., 15c. .05
- 437 — *Splendor*. Flowers shading from coppery-crimson to rose pink. . . per oz., 10c. .05
- 438 — *Captain of the Blues*. Bright blue, with pale blue wings. . . per oz., 10c. .05
- 439 — *Boreatton*. Very large, of rich, glossy chestnut color. . . per oz., 10c. .05
- 440 — *Countess of Radnor*. Delicate lavender and mauve; beautiful. . . per oz., 15c. .05
- 441 — *Mrs. Gladstone*. Delicate pink, wings blush, edged with pink. Exquisite. . . per oz., 10c. .05
- 442 — *Queen of the Isles*. White and red striped. . . per oz., 15c. .05
- 443 — *Delight*. White, crested with crimson. . . per oz., 10c. .05
- 444 — *Orange Prince*. A decided orange, shaded with rich pink. . . per oz., 10c. .05
- 445 — *Stanley*. Deep maroon, large and of finest form. . . 10
- 446 — *Mrs. Sankey*. Flowers of the largest size; pure white and of the most perfect form. Very profuse bloomer. . . per oz., 10c. .05
- 447 — *Primrose*. Pale primrose yellow. Novel and distinct. . . per oz., 10c. .05
- 448 — *The Queen*. Bright pink, shaded with heliotrope. . . per oz., 10c. .05
- 449 — *Eckford's Large-flowering Hybrids. Mixed*. Choice mixture. . . per lb., express, 47c.; per lb., postpaid, 55c.; per 1/4 lb., 20c.; per oz., 8c. .05

Venus Looking-Glass. (A.)

A very pretty, hardy annual, succeeding well in any soil. Grows about one foot high, and is well adapted for borders.

- 450 — *Mixed Colors*. . . .05

Vinca. (P.)

Beautiful bushy plants, completely covered with flowers the entire summer; foliage evergreen. Start the seed in hot-bed.

- 451 *Vinca. Mixed*. . . .10



ZINNIA, GRANDIFLORA PLENISSIMA.



SWEET PEAS.

Viola Odorata (Sweet Violet). Price per pkg.

- 452 Beautiful, fragrant, hardy plants, for beds and edgings, in moist, shady situations. . . .10

Virginian Pigmy Stock. (A.)

Extremely pretty, profuse-flowering little plants, remarkably effective in small beds, baskets or edgings.

- 453 *Virginian Stock. Rose and white mixed*. . . .05

Wallflowers. (B.)

Very fragrant and ornamental, tender biennials, suitable for background and amongst shrubbery.

- 454 *Wallflower, Single. Mixed*. . . .05
- 455 — *Double. Mixed*. . . .10

Early Single Annual Wallflower.

(See cut on page 61.)

- 456 This new annual Wallflower, if sown in March in pots or hot-bed, will commence flowering in June, and continue its splendor till late in autumn. Flowers of a beautiful orange-red, and very fragrant. . . .15

Xeranthemum. (A.)

Very showy, free-flowering everlasting flowers.

- 457 *Xeranthemum Annum Superbissimum*. Very showy; the flowers are as double as those of Double Buttercup. . . .10
- 458 — *Double. Mixed*. . . .05

VERBENA. (A.)

Well known and universally popular bedding plants, blooming all summer. The most brilliant, with the exception of Phlox Drummondii, of all the annuals.

- 459 *Verbena Hybrida Compacta Violacea*. Blue-flowering, dwarf, compact variety. . . .10
- 460 — *Candissima Nana Compacta*. Very dwarf, pure white. . . .10
- 461 — *Bright Scarlet, White Centre*. The trusses of the flowers are of large size, with centres well marked. . . .10
- 462 — *Mammoth*. "Good Venture" Mixture. Splendid large flowers, none measuring less than the size of a twenty-five cent piece, and many larger; in beautiful shades of pink, red and white. . . .15
- 463 — *Hybrida Grandiflora, Purple Cloak*. Large trusses of deep velvety-purple flowers; clear white centre. . . .10
- 464 — *Hybrida, Cloth of Gold*. Golden-yellow foliage, with bright scarlet flowers. . . .10
- 465 — *Fine Mixed*. . . .05
- 466 — *Finest Mixed*. . . .10

ZINNIA. (A.) (Youth and Old Age.)

A most splendid class of hardy annuals, succeeding well in any soil, and making a brilliant show. Start early in pots or under glass, and transplant one foot apart. The same flowers will retain their beauty weeks, and a profusion will be produced until frost.

- 467 *Zinnia Elegans Grandiflora Plenissima*. (New Giant Zinnia.) Extremely double globe-shaped flowers, from five to six inches in diameter, of striking and brilliant colors. . . .10
- 468 — *Grandiflora Plenissima Striped*. (See Cut.) Very showy and beautiful. A great improvement on the Zebra Zinnias. . . .10
- 469 — *Tall*. Finest varieties, double mixed. . . .05
- 470 — *Double White*. . . .10
- 471 — *Dwarf. Double White*. Very desirable for its regularity of growth and beautifully shaped flowers. . . .05
- 472 — *Haageana*. Dwarf single variety; yellow flushed with orange. Valuable for beds, edgings or borders. . . .05
- 473 — *Tom Thumb. Double Mixed*. Very compact and free-flowering. . . .05
- 474 — *Double Lilliput. Mixed*. Among the most charming of recent introductions. Very compact, forming thickly branching little plants about a foot and a half high, which fairly bristle with very double flowers of every shade and color, and hardly exceeding a large Daisy in size. . . .10

FLOWER SEED COLLECTIONS.

For the convenience of those who prefer to leave the selection to us, we offer the following collections. Persons thus purchasing can make a greater display at a much less price than ordering separate packages. These collections are not subject to any discount from the prices given below, and varieties are always to be of our selection.

COLLECTION A.

10 Pkts. of Beautiful Annuals for 25 cts.

Asters.	Balsams.	Coreopsis.	Poppy.
Sweet Alyssum.	Phlox.	Morning Glory.	Pinks.
Mignonette.		Nasturtium, Tall.	

COLLECTION B.—PINKS.

6 Pkts. Summer Blooming Varieties for 30 cts.

Single and Double, including Margaret Carnation.

COLLECTION C.—SWEET PEAS.

15 Pkts. Choice Desirable Kinds for 40 cts.

Including several packages of Eckfords.

Please Notice that We are Offering these Collections at a Great Reduction from the Regular Catalogue Price.

COLLECTION D.

15 Pkts. Choice Annuals, Biennials, and Perennials for 40 cts.

Asters, Victoria Mixed.	Marigold Eldorado.
Zinnia.	Mignonette.
Delphinium.	Tall and Dwarf Nasturtium
Centrosema Grandiflora.	Candytuft, Mixed.
Iceland Poppies.	Calycanthema, "Cup and Saucer,"
Phlox.	Mixed.
Pansy.	MARGARET CARNATION.
	Sweet Peas.

COLLECTION E.

5 Pkts. of Easily Grown Annuals for 10 cts.

Calendula, Zinnia, Mignonette, Morning Glory, Candytuft.

MIXED FLOWER SEEDS, FOR WILD GARDENS.

A splendid mixture of over 100 sorts of beautiful free-blooming hardy flowers, which can be offered at a much less price than when sold in separate packages. Those who cannot give the constant care necessary for finely arranged flower beds will find the "Wild Garden" a delightful substitute, with its constant and ever-varying bloom. Such a flower-bed is a continual surprise and pleasure, as new varieties and the old garden favorites flower successively throughout the season. Price, per ½ ounce, 20 cents; per package, 5 cents.

Purchasers who prefer to make their own Selections of Flower Seeds are referred to the following Prices:

For \$1.00, seeds IN PACKETS may be selected to value of	\$1.30
" 2.00, " " " " " "	2 70
" 3.00, " " " " " "	4 20
" 4.00, " " " " " "	5 65
" 5.00, " " " " " "	7 20

ALL FLOWER SEEDS SENT BY MAIL, POSTPAID, ON RECEIPT OF PRICE.
Prices for Flower Seed, per oz., given on application.

FOR FALL
PLANTING.

MISCELLANEOUS BULBS.

READY IN
OCTOBER.

HYACINTHS.

The most beautiful and fragrant of the Holland Bulbs. Plant in the garden in October or November from three to four inches deep, and protect from frost. For house culture plant the bulbs even with the surface, in good sandy soil, water freely, and set away in a dark cellar for about six weeks. When placed in glasses, the water should only just touch the base of the bulb.

Double Blue.....Each, .06	Per doz., .65	Single Red.....Each, .06	Per doz., .65
Single Blue....." .06	" .65	Double Yellow....." .08	" .75
Double White....." .06	" .65	Single Yellow....." .06	" .65
Single White....." .06	" .65	Single Mixed....." .06	" .65
Double Red....." .06	" .65	Double Mixed....." .06	" .65

TULIPS.

Plant in October or November, five or six inches apart, and three inches deep.

Due von Tholl Tulips. Mixed.....Each, .03	Per doz., .30
Parrot Tulips. Choice colors....." .03	" .30
Choice Mixed Double Varieties.....25 cents per dozen; \$1.50 per 100	
Choice Mixed Single Varieties.....25 cents per dozen; \$1.50 per 100	

CHIONODOXA LUCILLÆ.

One of the most beautiful flowering bulbous plants ever introduced, producing spikes of lovely azure-blue flowers, with pure white centres. Price, 3 cents each; 20 cents per dozen.

FREESIA REFRACTA ALBA.

A beautiful plant for parlor culture. Flowers pure white, with yellow blotched throat, and exquisitely scented. Valuable for cut flowers. Treat as hyacinths. Each, 3 cents; per dozen, 25 cents.

Chinese Narcissus (Sacred Lily of China).

Flowers white, with yellow centre, very freely produced, and are successfully grown in water. Shallow dishes should be used, into which put an inch of gravel; on this set the bulb, fill in with small stones, and keep the dish full of water. Each, 15 cents.

RANUNCULUS (Double Buttercup).

Plant three inches deep, and cover, before the ground freezes, with four inches of leaves, as they are not very hardy.

Ranunculus, Persian. Best Mixture.	Each, .05	Per doz., .25
Ranunculus, Improved French Superb.	Each, .05	Per doz., .25

NARCISSUS, OR DAFFODILS.

Plant five inches deep, and cover with three inches of leaves.

Single.		
Poeticus, or Pheasant's Eye. Pure white cup, edged with red, splendid....	Each, .03	Per doz., .25
Trumpet Major. Golden yellow trumpet.....	" .05	" .45
Double.		
Alba Plena Odorato. White, sweet scented.....	" .05	" .45
Von Sion. The double yellow daffodil, fine.....	" .05	" .45

Polyanthus.

(Desirable for House Culture.)

Gloriosa. White, with orange centre.....	" .08	" .75
Grand Soleil d'Or. Golden yellow.....	" .08	" .75

CROCUS.

Cloth of Gold. Bright yellow.....	Per doz., .12	Per 100, .70
Striped Sorts. Mixed.....	" .10	" .60
All Colors.....	" .10	" .55



FREESIA REFRACTA ALBA.



GROUP OF NARCISSUS.

SUMMER FLOWERING BULBS AND PLANTS.

Prices Except Where Otherwise Noted Are Per Mail Postpaid.

GLADIOLI.

These showy flowers are very easily raised, and, with their tall spikes and brilliant colors of almost every variety, simple and blended, make one of the most magnificent displays of the flower garden. By planting from May till July, a continuous succession of flowers will be secured. Plant in rows a foot apart, six inches apart in the row, and two inches deep.

Beautiful French Hybrid Varieties, Splendid Mixture. Price, per 100, express, \$2.00; per 100, postpaid, \$2.40; per dozen, postpaid, 40 cents.

Leomine's Hybrid Gladioli. (New.) For rich and vivid coloring, these have no equal. Embazoned with the most intense burning and rich shades, they are wonderful. Price, per 100, per express, \$3.00; per 100, postpaid, \$3.40; per dozen, postpaid, 60 cents.

NEW COLLECTIONS OF GLADIOLI AT SPECIAL LOW PRICES.

No. 1 (Fine), 50 cts; single bulbs, 6 cts.

Napoleon III. Scarlet, white line in centre of petals.

Mad Monneret. Soft, rosy pink, late variety.

Marie Lemoine. Upper divisions are pale creamy color, flushed salmon-lilac; lower divisions, spotted purplish violet, bordered deep yellow.

Isaac Buchanan. Best yellow.

Ceres. Pure white, spotted with purple rose.

Childsi. Fine, of late introduction.

Fatma. Ivory white ground, striped with rosy-salmon.

Grand Rouge. Large flowers, bright scarlet, small violet blotch.

Octoroon. A beautiful salmon-pink; very distinct.

Brechleyensis. A fine old variety. Vermilion scarlet.

New Gladiolus "Snow-White." (See cut.) The best white Gladiolus. The flowers are elegantly formed, and of great substance, lasting a remarkable length of time when cut. The spikes are of good size, set solidly and perfectly, with the flowers from bottom to top. The petals are gracefully recurved and in many cases beautifully crimped. Price, 20 cents.

Nakomis. Childsi. (New.) Soft, pink blotched and shaded with orange; white and crimson throat, enormous spikes. Price, 20 cents.

Oddity. Childsi. (New.) Deep amaranth red, freely suffused with purple blue; red and white mottled throat; very odd color. Price, 20 cents.

LILY OF THE VALLEY.

A great favorite because of its delicious fragrance, bearing graceful bows of fairy-like lily bells. Per dozen, 35 cents; per half dozen, 20 cents.

LILIES.

SNOW-WHITE GLADIOLUS.

Plant either in spring or fall, except *Candidum* and *Harrisii*, which are for fall planting only.

Plant deep where they are to remain; in winter cover four inches deep with leaves or straw; feed them well.

Price, postpaid, each. Per doz.

Melpomene. Beautiful almost beyond description. Frosted white, spotted, clouded and bearded with pinkish crimson.....	.25	2.25
Auratum Golden-Rayed Japan. Blooming in great profusion, and deliciously fragrant.....	.15	1.25
Candidum. Very hardy; snow-white and fragrant. Fine for forcing.....	.15	1.25
Harrisii. (<i>Bermuda Easter Lily.</i>) (See cut.) Flowers large, trumpet shaped, of a pure waxy white; an incredibly free bloomer.....	.20	2.00
Rubrum. Rose, spotted with crimson.....	.15	1.25
Wallacei. (New.) A magnificent Japanese variety, with beautiful clear buff flowers, spotted with black.....	.10	1.00
Umbellatum. Twenty-five varieties mixed; robust growers and great bloomers. Colors range from buff, rose, crimson, yellow, to almost black.....	.12	1.00

CLEMATIS.

Jackmanii. Flowers large, intense velvety purple, four to six inches in diameter. The dazzling effect of this elegant vine when in blossom cannot be described. Perfectly hardy. Price, 60 cents each, postpaid.

Henry. Strong, vigorous grower, with large, creamy white flowers. Each, 50 cents, postpaid.

Paniculata. Japanese variety, of rapid growth, quickly covering trellises and arbors with handsome, clean, glossy green foliage. Flowers pure white, from three-quarters to an inch in diameter, star-shaped, and with a most delicious and penetrating fragrance. Price, 50 cents each, postpaid.

MOONFLOWER, OR EVENING GLORY.

A very rapid summer climber, with beautiful foliage and blooming the first season. The flowers are immense, 5 inches in diameter, pure white and sweet scented, bloom very profusely, and as they open at night, very striking. The effect on a moonlight night is charming. 15 cents each, postpaid.

MANETTA VINE.

Charming, being literally covered with flowers the entire season; coloring gorgeous in the extreme, flame color tipped with bright yellow, making striking contrast with the vivid green, glossy foliage, and, given strings or wires to cling to, will attain a height of from 5 to 10 feet in one season. 15 cents each.

HELIANTHUS MULTIFLORA PLENUS.

A perfect gem that should be in every garden. The plants attain a height of about four feet, and in their blooming season, in August and September, they are nearly covered with bright golden yellow double flowers, about the size of a dahlia. Desirable for cutting, flowers remaining bright and fresh for days. Bulbs, per dozen, \$1.25; each, 15 cents, postpaid.

ROSE PÆONY.

Deep rose color. Most fragrant of all the pæonies, having a stronger and richer rose fragrance than any rose. Perfectly hardy. Each, 25 cents, postpaid.

OLD-FASHIONED GARDEN PINK ROOTS.

The delicious, sweet-smelling plunks of our grandmothers. Very hardy and easily grown. Per dozen, 65 cents; each, 8 cents, postpaid.



BERMUDA EASTER LILY.

CACTI.

These plants grow for months in the house or garden without watering, and increase in value yearly. Their flowers are of exquisite beauty and fragrance, and their curious forms render them exceedingly interesting. Ten curious sorts, our choice, all distinct, for \$1.00; five for 50 cents.

Mamillaria Childsi Cactus. When small the spines are regular, short and white; as the plant becomes older the spines also increase in size and assume a beautiful purple color. Flowers very numerous, even on small plants; color a clear pink; extra good. 25 cents each.

The Queen Cactus. Of rapid growth, sure to bloom, and easy to manage; flowers often ten inches across, pure white, and delightfully fragrant. Each, 25 cents.

New Early Flowering Branching Tuberose "Albino."
(See Out.)

This new tuberose flowers in July and August, throwing from two to five flower stems from a single bulb, and these again are often branched. The flowers are entirely free from any brown tint, the tube and sepals being of the purest waxy white, making it very valuable for cutting. 3 for 20 cents; 8 cents each.

DOUBLE TUBEROSE.

The Pearl. Beautiful, white, wax-like, very sweet-scented, double flowers, growing on tall stems, each stem bearing a dozen or more flowers. Remove all offshoots from the sides of the bulbs, start in the house in April, and transplant to open ground for summer blooming. Planted in pots in April, and taken into the house when frost comes, they will freely bloom in December. First-quality bulbs, per dozen, postpaid, 50 cents; per dozen, per express, 35 cents; each, 5 cents.

BEGONIAS.

Tuberous Rooted. It is quite impossible to over-estimate the worth of this interesting family of plants; every one should grow them. Planted where they can have plenty of moisture and a little shade from the noonday sun, they make a glorious display, excelling the most vivid geraniums. We offer tubers from the finest strain of erect, large-flowered varieties, of dwarf habit, comprising all colors, scarlet, white, yellow, pink, etc.



SINGLE TUBEROUS BEGONIA.

WISTARIA.

William Scott (new). Strong plant, early bloomer, fragrant; color, bright rosy pink.

Ferdinand Marigold. Very dark crimson, color of the well-known "Jack" rose.

Emily Pierson. Beautiful glowing scarlet, flowers very large and full, profuse bloomer.

Tidal Wave. Beautiful deep pink.

Daybreak. Color exquisite. A charming shade of pink; healthy, vigorous plants. Price, the collection of 7 for 75 cents; 15 cents each, postpaid.

Chinese Purple. A hardy, strong-growing twining vine, with handsome luxuriant foliage, producing in midsummer long, drooping clusters of beautiful lilac, fragrant flowers. Price, 20 cents each, postpaid.

AMPELOPSIS VEITCHII.

This is the famous creeper that clings to any building by means of its tendrils, no artificial support being needed. It is sometimes known as Boston Ivy. It is of an exceeding rapid growth and perfectly hardy. Foliage pretty, dense, and attractive, and when in the fall it gradually changes to nearly all the colors of the rainbow, presents a mass of brilliancy unequalled in its magnificence. Strong plants, eighteen inches high, each, 15 cents, postpaid.

HIBISCUS "CRIMSON EYE."

For description see page 57. Strong 2-year plants, \$1.50 per dozen; 15 cents each, postpaid. 1-year plants, \$1.00 per dozen; 10 cents each, postpaid.

HYDRANGEA PANICULATA GRANDIFLORA.

One of the most valuable hardy shrubs in cultivation. The flowers are formed in large white trusses, nine inches in length, which change to a deep pink as the season advances. The bush grows about five feet high, and the branches, drooping with the weight of the flowers, give it an extremely graceful appearance. Large plants, per express, 25 cents; postpaid, 30 cents.



Single, in Separate Colors. \$1.20 per dozen; 12 cents each.
Single. Mixed. \$1.00 per dozen; 10 cents each. (See cut.)
Double. Mixed. \$1.75 per dozen; 20 cents each.

CARNATIONS.

We consider the following varieties of carnations as among the best of recent introductions; combining good form and beautiful colors with vigorous growth and free-blooming qualities.

Kitty Clover. Yellow, striped with red.

Mrs. Fisher. Beautiful white. Fine for out-door planting.



HIBISCUS CRIMSON EYE.

ROSES.

SELECT LIST OF CHOICE HARDY VARIETIES FOR THE OPEN GROUND.

Our customers will find these varieties to be not only choice, but hardy, bearing large and fragrant flowers the same season they are planted. The plants are two years old and extra large and strong, not the puny, weak affairs too often sent out. We are growing most of these varieties in our own garden. We have picked good buds from them well into November; and several of the bushes the second season have grown shoots from five to nine feet in height.

THE YELLOW RAMBLER (AGLAIA).

THE NEW CLIMBING ROSE.

Repeated efforts have been made for years to obtain, by crossing or hybridizing, a hardy yellow climbing rose, and success was almost despaired of, but now we have offered to us **The Yellow Rambler**, for which is claimed **hardiness**, needing protection only in the extreme north; **vigorous growth**, making shoots of from 8 to 10 feet in a single season; a **clear, decided yellow** in color, not merely a creamy tinge, and a delicious **fragrance**. The flowers are borne in immense clusters, are cup shaped and last three or four weeks without fading. A large bush in full bloom is one of the most beautiful sights imaginable. 65 cents each, postpaid.

LORD PENZANCE'S HYBRID SWEET BRIARS.

These are crosses between the common Sweet Briar and other roses. Like their parent, the Sweet Briar, the foliage is deliciously scented. The flowers are of the most beautiful tints, and produced in great profusion. They are perfectly hardy, even in the coldest situations, possessing a robust vigor which is quite astonishing.

Amy Robsart. Lovely deep rose. The buds before opening are most graceful, of true Sweet Briar type. 45 cents each, postpaid.

Meg Merrilles. Gorgeous crimson, very free-flowering, one of the best. 45 cents each, postpaid.

GENERAL LIST.

Caroline Marniesse. Flowers pure (or slightly creamy) white, medium size, very double, very sweetly tea scented, and produced in profuse masses, blooming without cessation from June till October. Perfectly hardy.

Empress of China. Perfectly hardy and of vigorous growth. Color soft dark red in bud, changing as it opens to apple blossom pink. Flowers small, but delicate, waxy and fragrant, and are borne profusely; nearly double, and has much the appearance of a tea rose.

Margaret Dickson. This valuable new rose is entirely hardy, and a very vigorous grower, yet combines with these sterling qualities the most pleasing characteristics of a tea rose, delightful fragrance, and delicate waxy texture. The flowers are of magnificent form, and *very large*; in color a beautiful shining white with almost the lustre of a pearl.

Crimson Rambler. (New.) Of vigorous growth and exceedingly hardy. The flowers, of a rich brilliant crimson, are produced in large trusses of pyramidal form.

Price of the above-named four, 40 cents each, or \$4.00 per dozen per express, or 50 cents each, or \$4.75 per dozen, postpaid.

Earl of Dufferin. A fine dark crimson rose of splendid form, and has the advantage of blooming freely in the fall.

Marshall P. Wilder. Cherry rose mingled with carmine.

Vick's Caprice. Flowers large, slightly cup-shaped, but full and deep; petals thick and lasting, with ground color clear satiny pink, distinctly

striped, and dashed with white and bright carmine. Buds very beautiful, showing stripes and markings to great advantage.

Mrs. John Laing. Flowers large, semi-globular in shape, of an exquisite shade of soft pink, and deliciously fragrant. A grand novelty; considered the finest hardy rose of its color ever offered.

Magna Charta. Bright pink, suffused with carmine.

Gen. Jacqueminot. Color, rich crimson; of fine shape and exquisite fragrance.

Paul Neyron. Bright, shining pink; flowers very double; probably the largest rose grown.

Coquette des Blanches. Pure snowy white, sometimes faintly tinged with pale rose; blooms in large clusters; flowers medium size.

John Hopper. Dark rose color, crimson centre.

La France. Flowers large and beautiful, satiny shade of pink changing to blush, and of delicious fragrance.

Baltimore Belle. (Climbing.) Pale blush, very double, borne in clusters, the whole plant appearing a perfect mass of bloom.

Prairie Queen. (Climbing.) Clear, bright pink, sometimes with white stripe; very double and full.

Luxembourg. (Moss.) Bright crimson-scarlet, large, double, very sweet and mossy.

Price, from Earl of Dufferin, per express, at purchaser's expense, 30 cents each, or \$3.00 per dozen; per mail, postpaid, 40 cents each, or \$3.75 per dozen.

CANNAS.

LARGE FLOWERING FRENCH.

These new improved Cannas are among the finest novelties that have been offered for years. Dwarf in habit, with very large, gorgeous flowers, making fine bedding plants. When grown in pots they make fine showy plants for the porch in summer, and if removed to the house before frost, will continue flowering all winter.

Charles Henderson. Splendid, compact dwarf grower, throwing up erect heads of bloom of immense size. Color, dark crimson, centre of the flower marked with golden pencillings; one of the very handsomest varieties. 20 cents each, postpaid.

Florence Vaughan. Brilliant golden-yellow, dotted with bright scarlet; flowers very large and produced in constant succession all summer. Price, 20 cents each; 2 for 35 cents, postpaid.

Madame Crozy. Flower, flaming scarlet, bordered with gold; a marvellous combination of colors, having all the delicacy and beauty of the rarest orchid. The plants produce all the wealth, richness, and tropical luxuriance of foliage of the common kinds, added to which is the gorgeousness of their flaming panicles of bloom, which are borne in immense heads at the terminus of every shoot. Price, 12 cents each, postpaid; 3 for 30 cents.

Cannas. Standard varieties. Making fine foliage plants. Unnamed, either dwarf or tall. 10 cents each; \$1.00 per dozen, postpaid.

CINNAMON VINE.

A beautiful, rapid-growing, summer climber, with glossy foliage and spikes of delicious, cinnamon-scented flowers. Good-sized roots, each, 8 cents; 3 for 20 cents.

MADEIRA OR MIGNONETTE VINE.

A beautiful climber, of rapid growth, adapted to outdoor growth in the summer or the house in winter. It completely covers itself with long racemes of deliciously fragrant white flowers. Tubers should be kept in cellar over winter. Each, 5 cents; per dozen, 50 cents.

BEE BALM.

Grows about three feet high; flowers red, shading toward maroon, and are very showy. It is largely grown in herbaceous borders. Roots, 20 cents each, postpaid.

DAHLIAS.

Ethel Vick. Plant large, vigorous, and free bloomer. Flower a beautiful rose-pink with very symmetrical arrangement of petals, exquisitely quilled.

Glori de Lyon. Pure white. The largest white Dahlia in cultivation. Almost as round as a ball.

Crimson King. Deep crimson. An early and free bloomer.

Miss Thatcher. Sulphur yellow. Very productive, producing its flowers well above the foliage.

Price of above named four, 20 cents each; 3 for 50 cents, postpaid.

Unnamed Mixed. Choice varieties. 15 cents each, \$1.50 per dozen.



CHRYSANTHEMUMS.

THE LEADING AUTUMN FLOWER.

There are no flowers that make such a magnificent display in the autumn as these, with their almost endless variety of fanciful shapes, and colors ranging from the purest snowy white, delicate pink and rose, through all the shades of brilliant yellows and deep reds. Set out the plants in a sunny, sheltered location, in good rich soil, with plenty of well-rotted cow manure. Water freely, and keep them well cut back until the first of August. If wanted for indoor blooming, they should be lifted about the middle of September, potted, watered thoroughly and set in a shady place for a few days; afterwards expose them to the full light, with temperature not higher than fifty degrees. In cold climates, winter in cellar.

We have selected the following from the best standard varieties, many being prize-winners at recent exhibitions:

	Price, postpaid, each.	Per doz.
Major Bonnaillon. Fine yellow, incurving, full in the centre; grows six or seven inches across; a good keeper.....	.15	1.50
Nivens. A grand snow-white variety; constitution robust, foliage large and abundant, keeping qualities unsurpassed.....	.15	1.50
Eugene Dailledouze. (New.) The finest yellow; always takes first premiums.....	.15	1.50
Mme. Ferdinand Bergman. The very earliest; pure white.....	.15	1.50
Mrs. J. G. Whildin. Large creamy-yellow flowers; first early, will grow under any condition.....	.15	1.50
Harry Balsley. Fine pink; plant stiff and erect, flowers very large and fine; reflex.....	.15	1.50
Ivory. Pure white, incurved; early and free-flowering; still king of the whites.....	.15	1.50
Vivian-Morel. Immense flowers, regular in form, reflexed; pink, slightly tinged with claret; an ideal flower.....	.15	1.50
Tuxedo. Amber, tinged and shaded with brown; large, full flower; fine.....	.15	1.50
George W. Childs. Flowers large and full, reflexed; deep velvety crimson, the finest of its color.....	.15	1.50
Ada Spaulding. Silvery pink; large incurved flowers, double to the centre, broad petals; unexcelled....	.15	1.50
J. C. Vaughan. Rich plum-crimson.....	.15	1.50

CHRYSANTHEMUM SEEDS.—DELEAUX NEW EARLY-FLOWERING.

A remarkable new class of perennial Chrysanthemums, selected from the celebrated Deleaux strain, blooming early in September from seed sown in March. Very dwarf, branching in habit, and profuse bloomers. The flowers are entirely unlike all the early blooming varieties hitherto known, vying with the later sorts in form, size, and in richness and variety of colors. Price per package, 25 cents.

Prices per mail, postpaid, or express, at purchaser's expense. No discount.

SMALL FRUITS.

Will our friends, if possible, kindly send in their orders for these, except strawberries (which please see), by April 10.

STRAWBERRIES.

For hill culture, plant fifteen by fifteen inches; for matted growth, make rows three feet apart, and plant one foot apart in the row. Those marked with "P" are pistillate varieties, needing staminate sorts near them. We can supply from August till October potted plants of those varieties marked with a * at 50 cents per dozen, \$2.50 per 100, per express or freight at purchaser's expense. Shipping season for layer plants will be the months of April and May. On all orders shipped before May 1 we guarantee safe delivery. No plants except potted varieties sent after June 1.

Few varieties do equally well in all localities or on all soil. These we have selected are not only in the first class because of their general excellence, but they come nearest to doing well in all localities and on all soil, according to the testimony of every Agricultural Experimental Station and of the largest strawberry growers, which we can indorse in part from our own observation and experience.

ELEANOR. (New.) After two years' trial, Lovett says: "This is the largest and best very early strawberry. Second to none in earliness, rivaling the Sharpless in size; in productiveness surpassing the famous Crescent, in firmness equal to the Wilson. The berry is bright scarlet in color, and has few equals in quality. It has proved worthy of all that has been said in its favor." Price, per dozen, postpaid, 75 cents.

EPHING, OR YANKEE DOODLE. (New.) (P.) This plant is noted for its extreme hardness. It is a vigorous grower, and its foliage is clean and healthy. With rich soil and careful culture it will prove satisfactory, both in yield and in size. Price, per dozen, postpaid, 50 cents.

MICHIGAN. (New.) The latest of all. Says Lovett: "This has proved to be superior to all early sorts now before the public. Equalling in size the Gaudy, it ripens from ten days to two weeks later than that late variety. In form it is bluntly conic, with bright, crimson color." It is a strong, healthy grower, and is very prolific. Price, per dozen, postpaid, 75 cents.

* **The Bouncer.** (New.) This is the name given to Mr. Hale's famous new strawberry, which he declares to be the "Biggest Strawberry on Earth! not only big, but a great yielder and of fine quality." Of the history of it he says: "A lady walked into our office one day last June with a basket of the largest strawberries we had ever seen; told us picking had been going on two weeks, and these were not the largest. Two or three days later we visited the plot, and found the vines still loaded with enormous-sized berries of Miner type, but many times larger than that variety."

The past season we fruited the Bouncer in our home garden. The results were exceedingly satisfactory. The berries proved to be remarkably large, somewhat irregular, yet not coxcomb in shape—perhaps massive is the best word for describing them. The color is dark red, about the color of the Beverly. The vines are strikingly stout and vigorous, just what such enormous berries would require to sustain and support them. The quality of the fruit is above the average, and it is a medium hard berry. On our own soil, a deep, moist, rich garden, which has been under cultivation perhaps a hundred and fifty years, this strawberry cropped enormously at the rate of considerably over 400 bushels to the acre. It is the most prolific of plants—from the patch where but a dozen vines were planted we had over two thousand plants. Price, per dozen, postpaid, 50 cents; per 100, \$1.50; per 100, per express, \$1.30; per 1000, \$7.00.

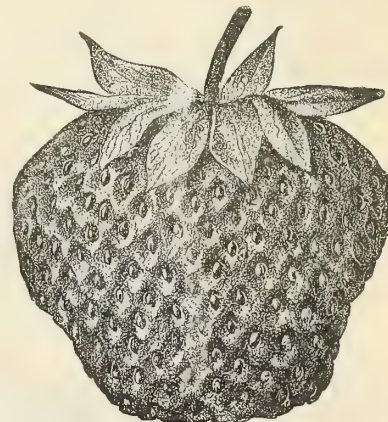
* **Brandywine.** A perfect-flowering variety. The editor of the "Rural New Yorker," a strawberry expert, who has raised it for three years, speaks of it as "Of immense size and fine quality, quite firm and shapely for so large a berry; foliage of the largest and thrickest, entirely free of scald or blemish; the average size is as large as any raised. In general it is heart-shaped, often broadly so, without neck. Its most pronounced irregularity inclines toward a Sharpless shape, occasionally as of two berries joined together. Medium red; flesh red, firm and solid for so large a berry—none more so. Quality not the best, but fully as good as Sharpless and better than Bubach. Vines exceedingly prolific. Brandywine continues a long time in fruit, and is of superior shape, quality and size for so large a berry. Foliage perfect." Per dozen, postpaid, 40 cents; per 100, \$1.25; per 100, per express, \$1.05; per 1000, \$6.00.

* **The Marshall.** This is the big strawberry that received two first and three second prizes in 1892 and 1893, at the annual exhibition of the Massachusetts Horticultural Society. In the report of the Massachusetts Experimental Station it is ranked as the best of all the newest strawberries. A promising new and distinct variety, of the wild strawberry flavor. Three thousand quarts were picked from one-third of an acre in 1892. Berries enormous in size, fourteen, filling a basket. Color very dark, extending through the berry. Berries solid. Plants extra vigorous, standing twenty-two inches in height. Per dozen, postpaid, 50 cents; per 100, \$1.50; per 100, per express, \$1.30; per 1000, per express, \$7.00.

* **Leader.** Hardy, vigorous, medium early; berries large, firm-fleshed; color dark; extra quality; a capital family berry. Per dozen, postpaid, 35 cents; per 100, \$1.00; per 100, per express, 80 cents; per 1000, \$5.00.

Greenville. Remarkably vigorous and hardy; very productive; excelled only by Crescent. Berries extra large, good quality, medium firm, quite popular. Per dozen, postpaid, 35 cents; per 100, \$1.00; per 100, per express, 80 cents; per 1000, \$5.00.

* **Beverly.** This is a seedling of the well known Miner's Prolific, and may be called an improved Miner. Plants vigorous, foliage healthy, blossoms staminate; berries large, mostly conical; dark glossy crimson in color; texture firm, and quality excellent. Mr. George F. Beede, the well-known strawberry grower, of Fremont, N. H., writes: "Among sixty varieties I am testing, for healthy foliage, vigorous growth and rapid increase of plant, the Beverly was unsurpassed. I am confident it is a great acquisition to both our market and home list of strawberries." Evidently a first-class berry under high cultivation. Price, by mail, postpaid, per dozen, 35 cents; per 100, \$1.00; per 100, per express, 80 cents; per 1000, \$5.00.



MARSHALL.

SMALL FRUITS.—Continued.

* **Beder Wood.** Of this fine variety, Mr. Mathew Crawford, of Ohio, says: "This is, in my opinion, the best early variety ever introduced, either for home use or market. The plant is faultless, and enormously productive. No rust yet. Fruit large, of fine form and color, moderately firm and of good quality." Price, by mail, postpaid, per dozen, 30 cents; per 100, 80 cents; per 100, by express, 60 cents; per 1000, \$4.00.

Parker Earle. Speaking from our own experience, we would rank this as the one strawberry for family use. Plant very robust, berries large and very uniform in size; oblong in shape; of a glossy crimson color; of excellent quality, but not very firm. It has yielded enormous crops from Texas to Michigan. The one objection to it is that on some soils it does not ripen all the fruit it sets. Bisexual, and therefore self-fertilizing. Price, by mail, postpaid, per dozen, 35 cents; per 100, \$1.00; per 100, by express, 80 cents; per 1000, \$5.00.

Hubach. (No. 5.) (P.) (New.) Wonderful in vigor of plant and yield of fruit. A shipping berry, and simply A 1 for family use. Second early. Price, per dozen, postpaid, 30 cents; per 100, 80 cents; per 100, by express, 60 cents; per 1000, \$4.00.

Crescent Seedling, Sharpless, Wilson's Albany. Standard sorts. Price, per mail, per dozen, 30 cents; per 100, 80 cents; per 100, by express, 60 cents; per 1000, \$4.00.

Alpine Monthly. The great merit of this variety is that it continues to bear until frost comes. The fruit, though very rich in flavor, is of small size, and it is not a heavy cropper, but a variety that, instead of having a season of but from two to three weeks, as is the case with all other strawberries, will enable you to make a present to the sick, as acceptable as it is surprising, through a period of five months, deserves a small plot in every garden. Price, per dozen, postpaid, 40 cents; per 100, \$1.00; per 100, by express, 80 cents.

☞ In case of a dozen of each of several varieties of strawberries are taken, the party ordering shall be at liberty to deduct five cents from each dozen price where said price is fifty cents or under, and ten cents where price is over fifty cents. ☞

DEWBERRIES.

Lucretia Dewberry. This is decidedly the best of all the Dewberries, or low-running blackberries. It is a superb fruit, melting and of a delicious quality. The plant is entirely hardy everywhere, a healthy, strong grower, and exceedingly productive. Price by mail, one, 10 cents; by mail, per dozen, 75 cents; per dozen, by express, 60 cents; by express per 100, \$2.25.

JAPANESE GOLDEN RASPBERRY.

A Raspberry which Ripens its Fruit before Strawberries.

Mr. Luther Burbank, after whom was named the Burbank potato, of Santa Rosa, Cal., obtained this wonderful raspberry by crossing the Cuthbert with an early wild variety from Japan, and sold his stock of six old and forty-eight young plants for \$800. We take the following description from his catalogue, not having raised the variety ourselves: "The earliest known raspberry. The berries are of a golden straw color, as large as Cuthbert, and ripen a month before Hansell, before strawberries, and before the earliest of the standard raspberries. The bushes are distinct from all others, growing like trees, six to eight feet high, with spreading tops; and all along the branches large, white, well shaped blossoms are pendant, which are soon followed by the great, sweet, glossy, golden, semi-translucent berries."

Price, postpaid, one, 20 cents; per dozen, \$2.00; per dozen, per express, \$1.85.

STRAWBERRY-RASPBERRY.

A unique fruit from Japan, said to be a cross between the strawberry and raspberry. The habit of the plant and appearance of the fruit are just what would be looked for in such a cross, as they are a compromise between them. The plant is low growing and is perennial, dying down and springing up each season. The fruit is half way in shape between strawberry and raspberry, the color a brilliant red; it ripens early, and is said to be of delicious flavor, but of this we know nothing. It is a most abundant bearer, and the brilliant fruit and large white blossoms, seen among the bright green leaves, are said to produce a very striking effect. Price, per one, postpaid, 15 cents; per dozen, \$1.50; per dozen, per express, \$1.35.

GOOSEBERRIES.

Plant three by four feet, in deep, rich soil, in as cool a location as possible. Protect from currant worms by the use of hellebore, as directed for currants.

☞ A WONDER IN FRUIT CULTURE—GOOSEBERRIES WITHOUT THORNS! ☞

At last the long wished for spineless gooseberry has come, and to France belongs the credit of producing it. It was a chance seedling, a single sport among a lot raised by M. Billard. Mr. Lefort planted seed from the fruit, and the result has been the production of a number of spineless varieties, the four best of which we catalogue this season. These are:

No. 1. **The Billard.** A wine-red colored, thick skinned berry; a heavy bearer.

No. 2. **The Lefort.** Berries smooth, oblong in shape, $1\frac{1}{2}$ and $1\frac{1}{4}$ inches in diameter. Very vigorous; a splendid variety.

No. 3. **Madame Lefort.** Skin smooth, pulp firm, color waxy-white, very productive.

No. 4. **Belle de Meaux.** Of great vigor, color an intense red, pulp very firm. Price, for one of each variety, \$1.75; for a dozen, embracing three plants of each variety, \$4.50; for one of either variety, 55 cents; for a dozen of either variety, \$4.50; per dozen, by express, \$4.30.

Red Jacket. (New.) Says Josslyn: "This berry is as large as the largest; very prolific and hardy; quality and foliage the best. For seven years no mildew has ever appeared on the Red Jacket." On our grounds it is but little larger than the Downing. Color red. Price, postpaid, one, 20 cents; per dozen, \$2.25; per dozen, by express, \$2.05.

Triumph. This is another new American seedling of the Mammoth class; hardy and prolific. Until within a year, gooseberry raising in the United States has been confined to the small varieties, but now as many as three new American seedlings come before the public, all of the Mammoth class, equal to the famous English sorts. These will be likely to begin a revolution in the raising of this fine fruit. Price, postpaid, one, 25 cents; per dozen, \$2.00; per dozen, by express, \$1.80.

Smith's Improved. A large, pale yellow variety, of excellent quality; exceedingly prolific, and of vigorous growth. Price, postpaid, one, 15 cents; per dozen, \$1.45; per dozen, by express, \$1.25.

Downing's Seedling. Best of the hardy, pale green varieties; not subject to mildew. Price, postpaid, one, 12 cents; per dozen, \$1.00; per dozen, by express, 80 cents; by express, per 100, \$6.00.

Houghton's Seedling. Red in color; very productive. Not subject to mildew. Price, postpaid, one, 12 cents; per dozen, \$1.00; per dozen, by express, 80 cents; per 100, \$6.00.



LUCRETIA DEWBERRY.



ELEAGNUS LONGIPES.

ELEAGNUS LONGIPES.

A singular shrub from Japan, bearing abundant berries on every stem, of the size of a medium cherry, oblong in shape, and of a dark red color. The flavor is peculiar, much like that of a good cherry, with a little astringency added. All of us like it. It is hardy, begins to bear early, is an abundant bearer, and holds its fruit in good eating order after ripening, much longer than any cherry. The plant, loaded with its bright red fruit, is worthy a place in any garden, if merely for ornament, for it draws all eyes. Price, postpaid, one, 20 cents; per dozen, \$2.00; per dozen, by express, \$1.85.

SMALL FRUITS.—Continued.

BLACKBERRIES.

Plant vines four by seven, and treat as with raspberries, with the exception that they should be cut back to four feet.

Agawam. (New.) Fruit of fair size; jet black, sweet and melting to the core. For home use it has no superior, being sweet throughout as soon as black. It is extremely hardy and healthy, and very productive. Price, postpaid, one, 15 cents; per dozen, \$1.00; per dozen, per express, 85 cents; per 100, \$4.00.

Eldorado Blackberry. Very hardy, remarkably productive, and superb in quality. Mr. H. E. Van Deman, National Pomologist, says: "Never have I tasted any blackberry equal to the Eldorado." Several of the experimental stations speak emphatically of its *hardiness, quality and productiveness*. The Ohio experimental station ranks it as hardy as the Snyder, but with a larger berry and of better quality. It is not only extra sweet, but is entirely free from the hard core common to most varieties. The berries when picked keep exceptionally well. Certainly a blackberry of great promise. Price, postpaid, one, 20 cents; per dozen, \$2.00; per dozen, per express, \$1.85.

Erie. (New.) Says Lovett: "There is no berry that rivals it in the four properties of hardness, size, earliness and productiveness. None will compare with it for market or the home garden." Price, postpaid, one, 12 cents; per dozen, 75 cents; per dozen, by express, 60 cents; per 100, \$3.50.

Early Harvest. (New.) Extremely early, very productive, first-class in quality, size below average. Price, postpaid, one, 12 cents; per dozen, 75 cents; per dozen, by express, 60 cents; per 100, \$3.50.

Kittatinny. Very large, exceedingly productive, tender at the north. Price, postpaid, one, 10 cents; per dozen, 65 cents; per dozen, by express, 50 cents; per 100, \$2.50.

Snyder. The hardest, enormously productive. Price, postpaid, one, 10 cents; per dozen, 65 cents; per dozen, by express, 50 cents; per 100, \$2.50.

Lovett's Best Blackberry. Mr. Lovett, the well known nurseryman, thus discourses on his new blackberry: "Its strong points are enormous yield, great hardness of cane, earliness in ripening, large and uniform size and shape, jet black color (never turning red after gathered), fine appearance and excellent quality." It appears to be hardy, having been exposed to a temperature of several degrees below zero without injury even to the terminal bud. Price, postpaid, one, 12 cents; per dozen, 75 cents; per dozen, by express, 60 cents; per 100, \$3.50.

GRAPES.

The prices given are for one-year-old vines. Will send two-year-old vines for half as much more.

Soil should be dry and warm. Plant nine by six. Cut back, in fall, to two eyes. Cedar posts and wire for trellis.

Moore's Diamond. (New.) In vigor of growth, texture, foliage and hardness of vine, it partakes of the nature of its parent, Concord. The fruit, sweet and delicious, is equal to many of the best sorts, and ripens two or three weeks earlier than Concord. The color is a delicate greenish-white, with a rich, yellow tinge when fully ripe; very few seeds, juicy and almost entirely free from pulp. Berry about the size of the Concord, and adheres firmly to the stem. One of the best of recent introductions; is doing well in all sections, and proving a profitable market variety. Price, postpaid, one, 20 cents; per dozen, \$1.20; per dozen, per express, \$1.00.

Empire State. Very hardy, white, tender, juicy, sweet and rich. Price, postpaid, one, 12 cents; per dozen, 95 cents; per dozen, by express, 75 cents.

Niagara. White, ripens with Concord, good bearer. Price, postpaid, one, 12 cents; per dozen, 95 cents; per dozen, by express, 75 cents.

The Salem Grape. The No. 53 of Mr. Rogers' famous seedlings. This by many is ranked as the best of Mr. Rogers' grapes. The vine is a strong grower; very productive, producing large bunches of red grapes of large size; very sweet, and with the rich flavor of its foreign parent. Price, postpaid, one, 10 cents; per dozen, 75 cents; per dozen, by express, 60 cents.

Green Mountain (or Winchell Grape.) An early white grape, ripening with Moore's Early. Clusters of medium size, often shouldered; berries a little larger than those of the Delaware; greenish-white when fully ripe; skin thin and quality fine, pulp being tender and sweet, quite free from foxiness. It is especially well adapted to northern localities. Heartily indorsed by leading nurserymen and grape growers. We asked one gentleman, who had the most extensive collection of the newer sorts of grapes at the exhibition of the Massachusetts Horticultural Society, which he would especially recommend, and he unhesitatingly pointed to the Green Mountain. Price, postpaid, one, 30 cents; per dozen, \$3.00; per dozen, by express, \$2.80.

Moore's Early, Concord, Delaware, Brighton. Standard sorts. Price, postpaid, one, 10 cents; per dozen, 75 cents; per dozen, per express, 60 cents.

CURRANTS.

Plant on deep, strong, rich soil, four by five feet apart. Cut back young shoots one third every year. To protect from currant worms, dust with hellebore at time of blossoming, when dew is on, and repeat when fruit is full grown.

President Wilder Currant. (New.) Mr. Barnes, the largest currant grower along the Hudson river, is so well pleased with this currant that he will plant it hereafter in preference to any other. It is as large as Fay's and as early, but it makes a longer and better filled bunch, and is more productive. It will remain in good shipping order over a fortnight longer. As a table fruit it retains its bright red color, not turning dark like Fay's and Cherry's; is not so acid as Fay's, and has a rich flavor which is very agreeable. One, postpaid, 18 cents; per dozen, \$1.50; per dozen, per express, \$1.35.

Fay's Prolific. As large as Cherry, and with larger bunches; rapidly superseding it. Price, postpaid, one, 10 cents; per dozen, \$1.15; per dozen, by express, \$1.00; per 100, \$6.00.

Cherry. The old standard large red. **White Grape.** The best white. Price, postpaid, one, 10 cents; per dozen, 75 cents; per dozen, by express, 60 cents; per 100, \$5.00.

Victoria. A splendid variety, great bearer, bunches extremely long. Price, postpaid, one, 10 cents; per dozen, 75 cents; per dozen, by express, 60 cents; per 100, \$5.00.

JAPANESE WINE BERRY.

Each berry grows in a burr, which opens as the fruit ripens, which, running through all the shades from amber to crimson, makes one of the most brilliant displays known in horticulture. They have a rich and sprightly flavor, with a brisk sub-acid, making them fine for preserving; of no special value as a dessert fruit. Price, postpaid, one, 12 cents; per dozen, 75 cents; per dozen, by express, 60 cents.



ELDORADO
BLACKBERRY.



GREEN MOUNTAIN GRAPE.

SMALL FRUITS. — Continued.

RASPBERRIES.

Plant Black Cap variety five feet apart each way, the other kinds four feet. Plant shallow and cut back the canes. Leave but three or four suckers to grow.

Lovett. (Black Cap.) This new raspberry, in a test of several seasons, proves to be "as early as Doolittle, as large as the Gregg, perfectly hardy, very firm, and a good keeper; very sweet, and of the finest flavor." Price, postpaid, one, 10 cents; per dozen, 60 cents; per dozen, by express, 50 cents; per 100, \$3.00.

Marlbou'. Red; strong grower, hardy and productive; early, and continues long in bearing. Price, postpaid, one, 10 cents; per dozen, 50 cents; per dozen, by express, 40 cents; per 100, \$2.00.

Gregg. (Black Cap.) The leading late Black Cap. Very popular market sort. Price, postpaid, one, 10 cents; per dozen, 50 cents; per dozen, by express, 40 cents; per 100, \$2.00.

Cuthbert. Red; remarkably productive. Price, postpaid, one, 10 cents; per dozen, 50 cents; per dozen, by express, 40 cents; per 100, \$2.00.

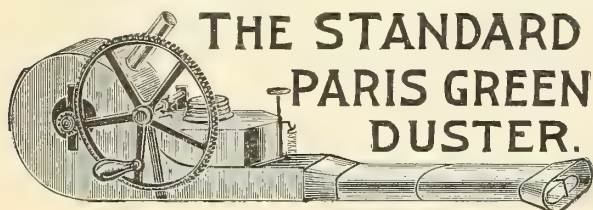
COLUMBIAN RASPBERRY.

This new raspberry appears to be a cross between the red and black varieties. It roots from the tips. Color a dark red. It comes before the public very highly recommended for its great vigor of growth, productiveness, large size and very superior canning qualities of the fruit. It appears to be a hardy variety. It resembles the Shaffer in great size of its fruit, which is more firm and sweet than that variety, but by some is considered inferior to it in quality. It excels all varieties in retaining its form, color and shape when canned. At the Massachusetts Agricultural Experimental Station, in 1895, this raspberry outyielded all others, cropping nearly three times as much as any. It took two prizes at the New York State Fair in 1895, one as the best canning berry and the other as the best evaporated berry. The introducer states that 3,500 bushes yielded on an average five quarts each. Valuable for market where a dark berry will sell. Price, postpaid, 15 cents each; \$1.00 per dozen; per dozen, per express, 90 cents.

NO DISCOUNT.

IMPLEMENTS.

NO DISCOUNT.



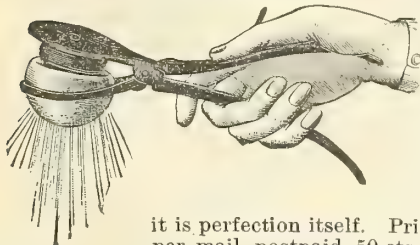
Leggett's Standard Paris Green Duster.

The Standard weighs 4 lbs.; with 20-inch tube, 4½ lbs. Its full length is 3½ feet. The reservoir holds one pound of pure Paris green. A waist strap is furnished, to which the machine is to be hooked, which holds it in position. With the right hand the fan is revolved, which blows the Green out at end of gun. The quantity can be regulated by means of a thumb-screw, so that one pound can be dusted over one acre of potatoes.

The Standard is made of galvanized iron and steel, and is easily operated. Two rows can be dusted at once.

A 20-inch Extension Tube and Strap furnished with each Machine. Price (complete), per express, at purchaser's expense, \$5.00.

GOLDMAN'S ATOMIZER.



it is perfection itself. Price, per express, 40 cts.; per mail, postpaid, 50 cts. Extra balls, 20 cts.

COMBINATION TOOL.



This tool, in addition to the appliances for cutting and setting glass, has also attached to it a steel for sharpening knives and scissors, also a corkscrew; will be mailed, postpaid, for 15 cts.

A. B. Taylor, Todd, Pa., writes: "My wife says that we can't do without Gregory's Hard Heading Cabbage for our own use."

Eph E. Gagne, So. Hadley, Mass., writes: "I sold, last year, \$120 worth of Quincy Market Corn from one acre."

Levi B. Boody, writes: "Your seeds are perfectly reliable. The same now as four and twenty years ago."

Insect Powder Distributor.

This is an improvement on the Cyclone in that two rows can be attended to at the same time, and it can be elevated so as to be used on vines and shrubbery, while the feed being through offsets prevents its clogging.

This machine effectually applies Paris Green, London Purple, Hellebore, or Bordeaux Dry Mixture directly to the vines. It does entirely

away with the necessity of using water, plaster, or any other bulky adulterant; simply from one to one and a half pounds of Paris Green to the acre blown on the vines by this fine distributor completes the whole business. In an hour an acre can be readily gone over and the vines are never injured in the least, whereas when water is used some of the arsenic is dissolved and burns the vines. No more back-breaking, lugging of water; simply point the spout towards the top of the vines, turn the crank, and go ahead with your most rapid walk. A great time and labor saver.

J. R. CAMPBELL, Wallingford, Conn., writes: "Your Distributor is superior to the old Cyclone in every way. With it two rows of potatoes can be dusted at one time. It is truly the farmer's friend."

W. F. ANDROS, East Hartford, Conn., writes: "Your Distributor simply reduces the cost of exterminating potato bugs to the minimum. It is simple in construction, and not likely to get out of repair."

Price, per express or freight, at purchaser's expense, \$4.75.

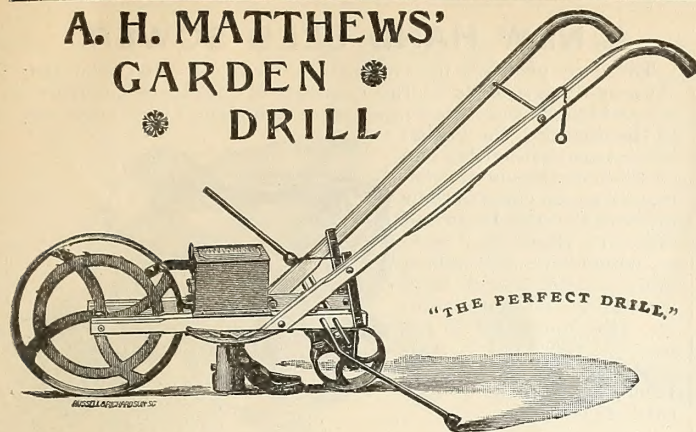
DEAKIN'S NEW SYRINGE. (Letter H.)



H Length of Barrel 18 in., Diameter 1½ in.

All brass, 18 inches long, 1½ inches in diameter. Strong, cheap, durable; fills quickly and discharges perfectly. Price, per express at purchaser's expense, \$2.00; letter K syringe, a size smaller, \$1.50.

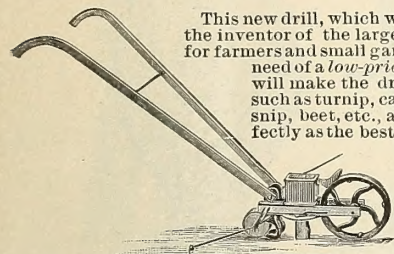
A. H. MATTHEWS' GARDEN DRILL



A. H. MATTHEWS' SEED DRILL.

Mr. Matthews has added a new steel dial gauge and shut off attachment to his drill, this connects by a chain and ring along the handle, by which the dropping of the seed can be instantly stopped. This drill is the one we use for onion, carrot, beet, turnip, sage and other seeds. It opens the furrows, drops the seeds evenly and at the required depth, covers them and lightly rolls the earth over the seed, which confines the moisture and promotes germination; it also, at the same time, traces the place for the next row. The Matthews drill has the following good points, viz.: 1. A horizontal indicator, with the names of the different seeds on its top side. 2. A perfected steel dial with pointers. 3. It is so constructed that the flow of seed can be shut off when it is being moved from place to place. 4. Its markers are made of wrought iron. 5. Its markers hold each other up and can be operated entirely by the foot. 6. There is a sliding weight on the markers. 7. The handles can be raised or lowered to suit a boy or man. Price, per express or freight at purchaser's expense, \$7.50.

A. H. MATTHEWS' LITTLE GEM SEED DRILL.

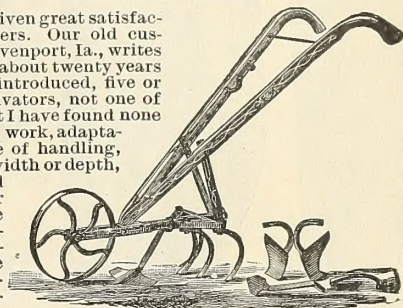


This new drill, which was designed by Mr. Matthews, the inventor of the larger drill, is especially intended for farmers and small gardeners, who have long felt the need of a low-priced seed drill. The "Little Gem" will make the drill, drop and over the seeds, such as turnip, carrot, sage, spinach, onion, parsnip, beet, etc., and mark the next row, as perfectly as the best twelve-dollar drills, and yet it costs only half the price. It is well made by experienced men. It weighs only twenty pounds, and will last many years. It has acquired great popularity, and the sales have increased with each year.

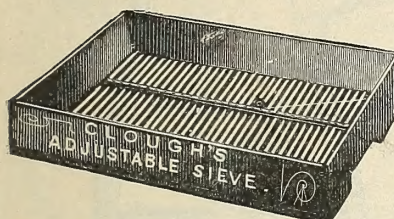
Price, per express or freight at purchaser's expense, \$5.00.

GEM OF THE GARDEN.

This hand cultivator has given great satisfaction among market gardeners. Our old customer, Mr. W. Holmes, of Davenport, Ia., writes to a dealer as follows: "For about twenty years I have used, as they were introduced, five or more of the improved cultivators, not one of which failed to pay well; but I have found none which, for thoroughness of work, adaptation to many crops and ease of handling, and shifting to any desired width or depth, equals the 'Gem' you sold me the past spring. For onion or strawberry culture it leaves but little to be desired." A dozen other practical farmers testify to the same purpose. Price, per express or freight, at purchaser's expense, \$5.00.



CLOUGH'S ADJUSTABLE SIEVE.



"UNIVERSAL" sieve would have been a better name for we find that it will do the work for which we before required twenty or more different sieves. Capital for cleaning all sorts of seed, beans, peas, grain, etc. The black spot near the middle represents a screw, by the turning of which the cross-bars can be brought nearer together, thus altering the distance between these bars, and practically making it a different sieve with every alteration. Price, per freight or express at purchaser's expense, \$2.00.

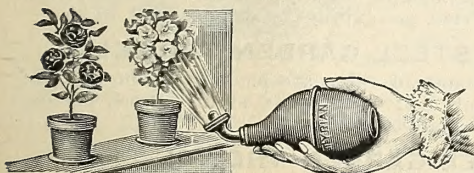
between these bars, and practically making it a different sieve with every alteration. Price, per freight or express at purchaser's expense, \$2.00.

GLASS CUTTING AND GLAZING TOOL.



Some of my workmen who use this implement find it cuts glass as readily as a glazier's diamond, and for all the purposes of cutting and setting glass is just about equally as valuable, though it costs not one-twentieth as much. One I have had in use several years is now as good as ever. Sent, postpaid, for 12 cents.

TYRIAN PLANT SPRINKLERS. (New.)



These are very handy for house-plants, as you can water them very quickly without injuring them, and cleanse their leaves without soiling anything near by. It is a close imitation of nature's own way of watering—just like rain. The neck, as will be seen by the illustration, is bent so as to enable one to cleanse the under side of the leaves. Price, per express, 60 cents; per mail, 70 cents.

HASELTINE'S HAND WEEDER.

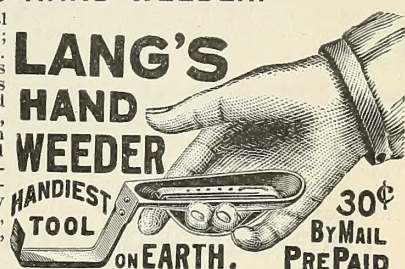
(One-sixth Full Size)

This is not only a good weeder and scraper, but with its point becomes a good implement for the thinning out, where plants are too thick, and for lightening the soil. The blade is solid steel, oil tempered, $\frac{3}{4}$ -inch wide, $\frac{1}{4}$ -inch thick, and is sharp on all its edges. Capital for weeding, thinning, and stirring soil among onions, carrots, strawberries, etc. Price, per express, 25 cents; mail, postpaid, 30 cents.



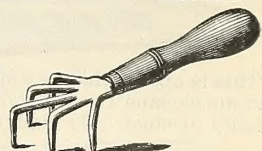
LANG'S HAND WEEDER.

This we find to be by actual trial a first-class labor-saver; it will save its cost in a day. The special advantage of this over all other weeders of this class is, that it has a band which passes over the fingers, which, when the tool is not in use, gives full use to the hand for pulling weeds and thinning out plants without laying down the tool. It is neatly and strongly made. Price, per express, 25 cents; by mail, postpaid, 30 cents.

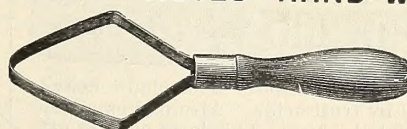


EXCELSIOR WEEDER.

A handy and efficient tool in the flower and vegetable garden. To be used when weeds are small. By express, 25 cents; mail, 30 cents.

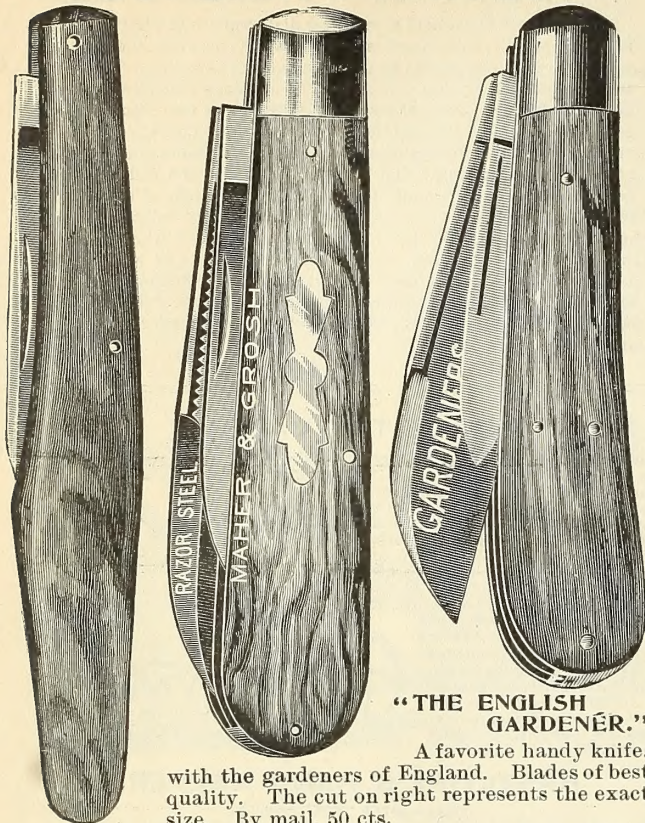


NOYES' HAND WEEDER.



This is an excellent little implement for hand weeding in bed sauce, such as onions, carrots, and the like; it is especially valuable where the ground is hard or baked. We have had them in use on our seed farms for several years, to our great satisfaction. Price, by express, 25 cents each; mail, 30 cents.

SUPERIOR KNIVES.



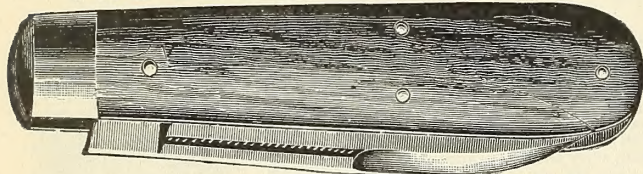
"THE ENGLISH GARDENER."

A favorite handy knife, with the gardeners of England. Blades of best quality. The cut on right represents the exact size. By mail, 50 cts.

General Purpose Knife. Blades of razor steel. I have carried one for years and like it hugely. Cut in centre represents exact size. Postpaid to any address on receipt of 50 cts.

Budding Knife. Cocoa handle, razor-steel blade. Cut on the left represents exact size. By mail, 35 cts.

TWO-BLADED BOYS' KNIFE.



This makes a nice present for our boys. This is of razor-steel and therefore much superior to the common 25-cent knives in the market. Postpaid to any address on receipt of 35 cts.

TWO-BLADED LADIES' KNIFE.



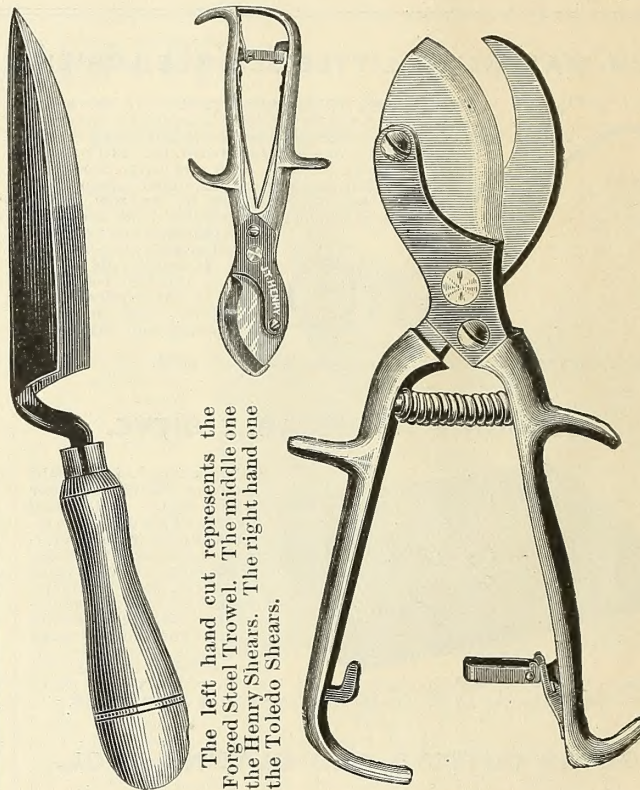
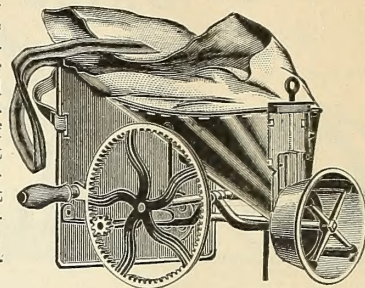
This is one of the prettiest and most popular of knives. It has an elegant ivory handle, and the blades are of the best quality of steel. By mail, 33 cts.



Fruit knife, spring steel blade; handle and blade heavily nickel-plated; not affected by fruit acids. Also makes an elegant paper knife. Silver plated, 50 cts. This is an elegant gift, yet inexpensive. Our idea of a good gift is something you would be glad to have for yourself. This knife "fills the bill."

A NEW HAND SEED SOWER.

There are probably not two men in our big country who are thoroughly agreed as to the quantity of grass seeds, clovers, etc., which should be sown per acre; and should they agree as to the quantity, the probabilities are that neither one of them could sow it evenly, and so we come to their aid with Pearce's Improved Cahoon's Hand Seed Sower, which sows all kinds of grain and grass seeds most accurately and most rapidly. It is not liable to get out of order, and is warranted to give satisfaction. Price, per express or railroad, \$5.00.



The left hand cut represents the Forged Steel Trowel. The middle one the Henry Shears. The right hand one the Toledo Shears.

TOLEDO PRUNING SHEARS.

These shears are A1 in quality, over 500 pairs of them having been used in the vineyards of Toledo, Ohio, last spring. But they are looked down upon by many because they are low priced. When they were \$2.00 per pair they were excellent, but when they are 75 cents they are a "poor thing." The fact is that no mechanic could improve their quality if he were paid \$10.00 per pair for them. Price, per express, 75 cents; per mail, postpaid, 90 cents; Extra blades, 25 cents; extra springs, 10 cents. For a higher cost shears we would recommend the Henry (see cut). Price, per express, \$1.30; per mail, \$1.45.

FORGED STEEL GARDEN TROWEL.

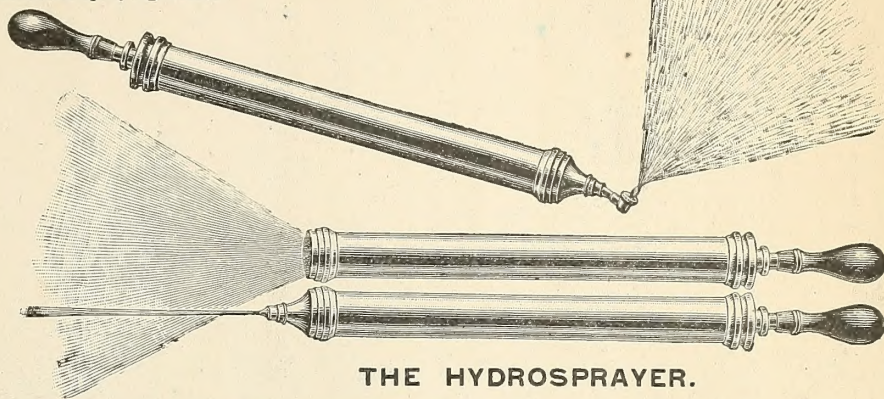
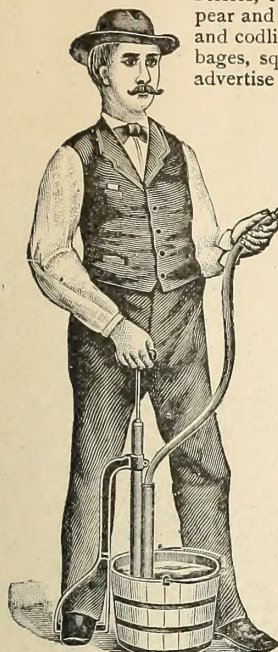
The blade and shank of these are made from one piece of steel, and are exceptionally strong and stout. Price, per express, 40 cents; per mail, 50 cents.

STEEL GARDEN TROWEL.

These are made of fine cold rolled steel, with malleable iron shank firmly riveted. An excellent article of their kind. Price, per express, 15 cents; per mail, 25 cents.

SPRAYING OUTFITS.

The extensive experiments made at the various agricultural colleges, supplemented as they have been by prominent fruit growers and vegetable raisers all over the United States, have demonstrated the efficient work done by the Bordeaux and other insect and fungus-killing preparations. THEY HAVE COME TO STAY. The fungicides and insecticides when intelligently applied (send to your agricultural colleges for reports giving full directions) prevent rot, mildew, and other diseases, in vineyards; potato leaf blight and rot, leaf blight and rust in strawberries, raspberries, blackberries, and gooseberries; prevent or greatly check apple-scab, pear and plum leaf blight, peach and plum fruit rot, destroy the canker-worm, tent-caterpillar, and codling-moth, and exterminate the various forms of animal life injuring the leaves of cabbages, squashes, melons, cucumbers, currents, and gooseberries. The five implements we advertise below make an excellent spraying outfit.



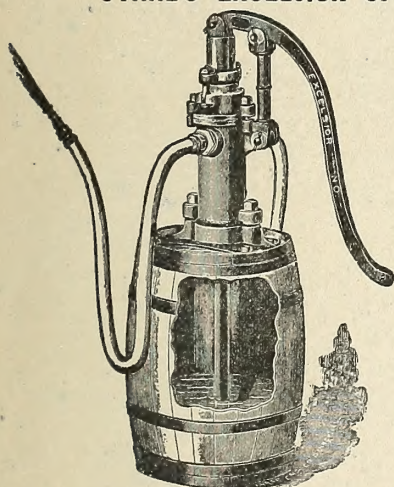
THE HYDROSPRAYER.

This style of syringe is the invention of the celebrated Dr. Fisher. It does much better work with the clear liquids than the various styles of force-pumps attached to barrels, and the same number of men can do an equal amount of work. The peculiar way in which the holes are made gives a six-foot spread to the spray, which will reach every portion of a tree within twenty-five feet of the operator. The brass syringe to which the nozzle is attached has a spoke of fourteen inches. It will be found very efficient in the application of all of the clear insecticides or fungicides to the orchard, grapery, garden, and greenhouse. Price, including cyclone nozzle, \$6.00; without cyclone nozzle, \$5.00; per express at purchaser's expense.

STAHL'S EXCELSIOR SPRAYER, NO. 19.

For a good, cheap outfit this is among the best on the market, both as regards the material used in the construction as well as the price at which it is sold. The cylinder, and in fact all the working parts are brass, being thus constructed of material that will resist the action of fungicides. The nozzle furnished with this outfit can be regulated to throw any desired spray as wanted. This pump will throw a solid stream 50 feet, and is without doubt the best cheap spraying outfit on the market. It is also very convenient for spraying flowers, roses, etc. Price, per express, \$4.50.

STAHL'S EXCELSIOR SPRAYER NO. 4.



It supplies the spraying nozzle and keeps the liquid stirred up in the barrel. One hundred trees per hour can be sprayed with this outfit. This pump is fitted with eight feet of hose and the Improved Orchard Nozzle. It is to be inserted in a barrel. Three feet of return hose is attached, with which is connected a discharge pipe, so that at every stroke of the pump a small part of the liquid is re-discharged into the barrel near the bottom of suction pipe, which keeps the poison and water well mixed, (which is very essential), so as not to burn the foliage.

This outfit is also furnished with a fine strainer

at bottom of suction pipe, which effectually prevents leaves or dirt from getting into pump or nozzles. We recommend the above outfit as especially adapted for orchard use.

Price of outfit complete (without barrel), per express or freight, with brass cylinder, plunger, and rod, \$10.00.

STAHL'S EXCELSIOR KNAPSACK SPRAYER.

To be carried on the back of a man, knapsack fashion. From five to six acres a day can be sprayed with it.

This machine consists of a copper reservoir holding about five gallons. The pump, being made entirely of brass and copper, can neither rust nor corrode. There is a large air chamber inside of the reservoir which will keep up the pressure, and continues to discharge the spray for nearly one minute after the operator stops pumping. A brass pipe fifteen inches in length, with a stopcock, is furnished with each machine, including the celebrated VERMORAL NOZZLE. This nozzle brings the liquid out in shape of a fine, mist-like spray. Price, per express or freight, \$12.00.

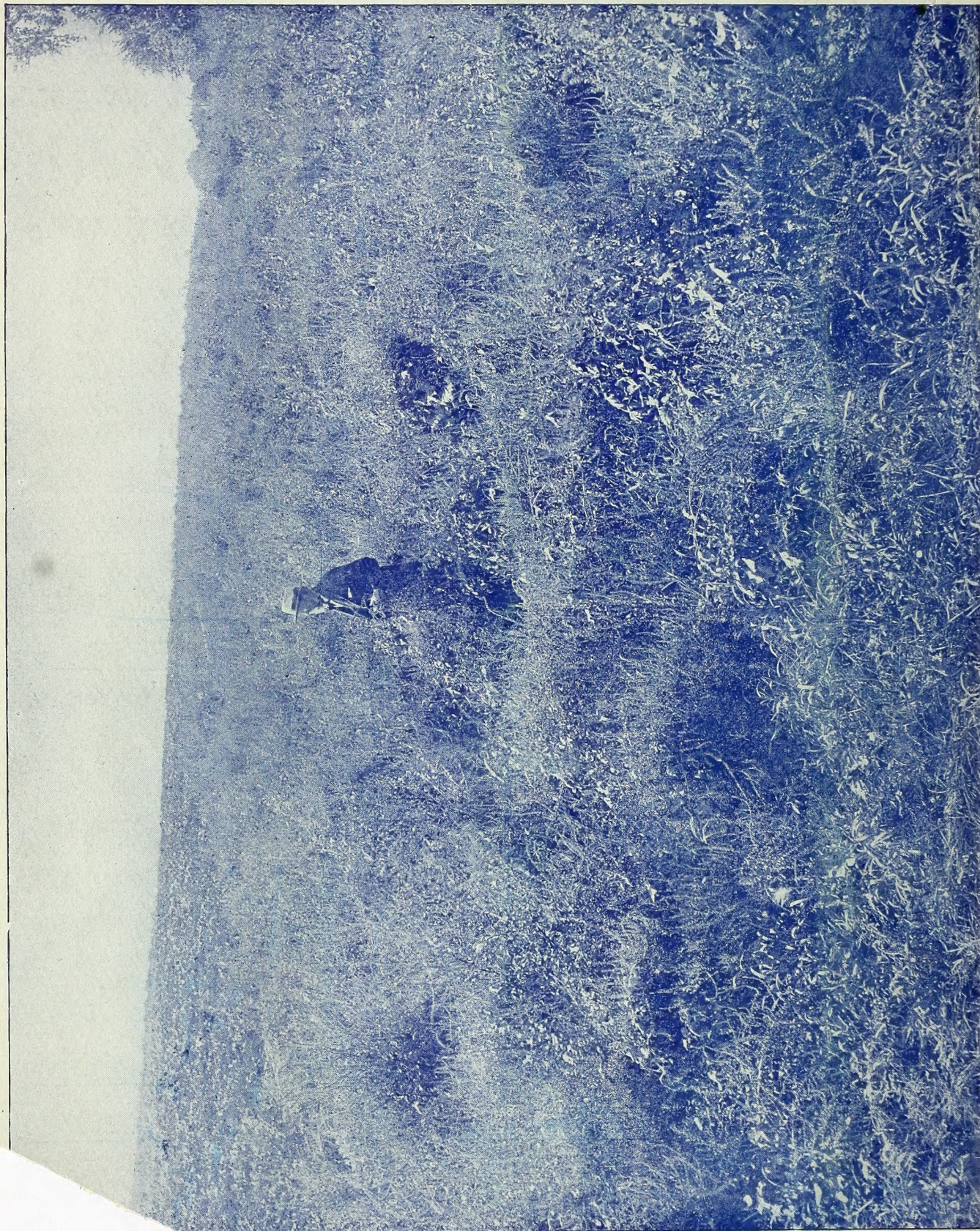


Our good neighbor Charles Robinson writes: "I bought a No. 4 Sprayer of you last May, and am well satisfied with it. It does its work completely, expeditiously and inexpensively."

STAHL'S EXCELSIOR SPRAYER NO. 7.

This is adapted for throwing liquid solutions of all kinds to destroy noxious insects and fungous growth of every nature on plant, tree or vegetable. For washing windows and carriages, and showering gardens, it has no superior. In fact, in a diminished degree, it is capable of every ordinary force-pump. It is always ready for use, and not liable to get out of order. It will throw water at the rate of eight to ten gallons per minute to a height of forty feet or more. With each pump is sent suction and discharge hose, connected, so that it requires no immediate operation. Longer lengths of hose can be furnished if desired, for any outfit, at 15 cents per foot.

Price, with three feet of suction and three feet of discharge hose, brass discharge-pipe and rose sprinkler, \$7.00, per



A FIELD OF BEET SEEDS GROWING ON OUR MIDDLETON SEED FARMS